DEVAL L. PATRICK
GOVERNOR

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

5/18/12

Benjamin Megrian
Assistant District Attorney
Suffolk County

Dear ADA Megrian:

Enclosed is the analytical information you requested in regards to laboratory certificate numbers ▇▇▇▇▇▇▇▇▇▇▇▇▇ ncluded are copies of the following:

1) Laboratory Drug Receipts
2) Laboratory Control Cards with chemists' hand notations
3) Analysis Reporting Forms with chemist's hand notations for samples ▇▇▇▇▇▇ ▇▇▇▇▇
4) Gas Chromatograph (GC) analytical data for sample ▇▇▇▇▇
5) Gas Chromatograph/Mass Spectrometer (GC/MS) analytical data for samples ▇▇▇▇▇▇▇▇▇

All preliminary tests on samples ▇▇▇▇▇▇▇▇▇ were performed by Daniel Renczkowski and the GC/MS analyses of these items were performed by Kate Corbett. All testing on samples ▇▇▇▇▇▇▇▇ were performed by Daniel Renczkowski.

If you have any questions about this material, please call the laboratory at 617-983-6622.

Sincerely,

Daniel Renczkowski
Chemist II
DPH Forensic Drug Analysis Laboratory

cc: KAC

BostonPolice DEPARTMENT

DRUG RECEIPT

CC # ███████████████

BOOK # ███████████████

PAGE # ███████████████

DESTRUCTION # _____

District/Unit _E-13/DCU_

Name & Rank of Arresting Officer _P.O. FRANK Colon_   ID# _9347_

DEFENDANT'S NAME	ADDRESS	CITY	STATE
███████████████	███████████████	███████████████	Ma
			Ma

DESCRIPTION OF ITEMS SUBMITTED	GROSS QUANTITY	LAB USE ONLY GROSS WEIGHT	ANALYSIS NUMBER
2 P/B's crack-cocaine	2 P/B's	2.43g	████████
4 MED P/B's crack-cocaine (Procaine)	4 med P/B's	15.13g	████████
1 P/B white substance	1 P/B	6.65g	████████

To be completed by ECU personnel only.

Name and Rank of Submitting Officer _P.O. Tracy McHale_   ID# _11213_

Received by _QO_   Date _12-22-11_

ECU Control # _____

BPD Form 0038-BIS-0907 (prev. 1753)

BostonPolice
DEPARTMENT

DRUG RECEIPT

CC # ▮▮▮▮

BOOK # ▮▮▮▮

PAGE # ▮▮▮▮

DESTRUCTION # _____

District/Unit _E-13/DCU_

Name & Rank of Arresting Officer _P.O. Frank Colon_   ID# _8347_

DEFENDANT'S NAME	ADDRESS	CITY	STATE
▮▮▮▮	▮▮▮▮	▮▮▮▮	Ma

| | | **LAB USE ONLY** | |
DESCRIPTION OF ITEMS SUBMITTED	GROSS QUANTITY	GROSS WEIGHT	ANALYSIS NUMBER
1 P/B green Herb (MARIJUANA)	1 P/B	8.04g	▮▮▮▮
1 ziplock bag green Herb (MARIJUANA)	1 ziplock BAG	4.85g	
MARIJUANA	4 P/B	137.93g	

To be completed by ECU personnel only

Name and Rank of Submitting Officer _P.O. Tracy McHale_   ID# _11213_

Received by _QCO_   Date _12-22-11_

ECU Control # _____

BPD Form 0038-BIS-0907 (prev. 1753)

No. ▓▓▓▓▓▓▓ Date Analyzed: 1/30/12

City: Boston D.C.U. Police Dept.

Officer: P.O. TRACY MCHALE

Def: ▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓

Amount: ▓▓▓▓▓▓▓▓▓▓▓▓▓ Subst: SUB

No. Cont: 2   Cont: pb

Date Rec'd: 12/22/2011   No. Analyzed: 1

Gross Wt.: 2.43 ✓   Net Weight: 0.18 g

Tests: 7DJR
•2CAC

Prelim: Cocaine (K)   Findings: Cocaine

No. ▓▓▓▓▓▓ Date Analyzed: 1/30/12

City: Boston D.C.U. Police Dept.

Officer: P.O. TRACY MCHALE

Def: ▓▓▓▓▓▓▓▓▓▓▓▓▓

Amount: ▓▓▓▓▓▓▓▓▓▓▓ Subst: SUB

No. Cont: 4   Cont: pb

Date Rec'd: 12/22/2011   No. Analyzed: 1

Gross Wt.: 15.31 ✓   Net Weight: 2.77 g

Tests: 7DJR
•2CAC

Prelim: Cocaine (K)   Findings: Cocaine

No. ▓▓▓▓▓▓ Date Analyzed: 1/30/12

City: Boston D.C.U. Police Dept.

Officer: P.O. TRACY MCHALE

Def: ▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓

Amount: ▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓ Subst: SUB

No. Cont: 1   Cont: pb

Date Rec'd: 12/22/2011   No. Analyzed:

Gross Wt.: 66.56 ✓   Net Weight:

Tests: 13DJR
•4CAC

Prelim: Unknown   Findings: Negative

No. ▮▮▮▮▮▮▮ Date Analyzed: 2-6-12

City: Boston D.C.U. Police Dept.

Officer: P.O. TRACY MCHALE

Def: ▮▮▮▮▮▮▮

Amount: Subst: VM

No. Cont: 1   Cont: pb

Date Rec'd: 12/22/2011   No. Analyzed: 0

Gross Wt.:   8.04 ⁄   Net Weight:

Submitted with   # Tests: 0 DJR

B11-14716

Prelim: Findings: Not Tested

No. ▮▮▮▮▮▮▮ Date Analyzed: 2-6-12

City: Boston D.C.U. Police Dept.

Officer: P.O. TRACY MCHALE

Def: ▮▮▮▮▮▮▮

Amount: Subst: VM

No. Cont: 1   Cont: pb

Date Rec'd: 12/22/2011   No. Analyzed: 0

Gross Wt.:   4.85 ⁄   Net Weight:

Submitted with   # Tests: 0 DJR

B11-14716

Prelim: Findings: Not Tested

No. ▮▮▮▮▮▮▮ Date Analyzed: 2-6-12

City: Boston D.C.U. Police Dept.

Officer: P.O. TRACY MCHALE

Def: ▮▮▮▮▮▮▮

Amount: Subst: VM

No. Cont: 4   Cont: pb

Date Rec'd: 12/22/2011   No. Analyzed: 2

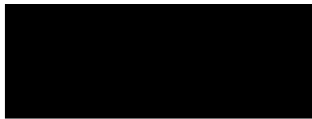Gross Wt.:   137.93 ⁄   Net Weight: 54.95g

GW = 119.34g   # Tests: 7 DJR

Macro + micro + Duq +

Prelim: Findings: Marijuana

gross wt − pkg wt = net wt

① 30.05g − 2.55g = 27.50g

② 29.92g − 2.47g = 27.45g
                              +
                          54.95g

DRUG POWDER ANALYSIS FORM

SAMPLE # ███████████ AGENCY Boston ANALYST DJR

No. of samples tested: 1 Evidence Wt. OK

PHYSICAL DESCRIPTION:

Off white chunky substance
in one clear PB and
loose in the evidence PB.

Gross Wt (2): 0.4433g

Gross Wt (1): 0.2435g

Pkg. Wt: 0.0622g

Net Wt: 0.1813g

PRELIMINARY TESTS
Spot Tests

Cobalt
Thiocyanate (++) + (blue)

Marquis —

Froehde's —

Mecke's —

Microcrystalline Tests

Gold
Chloride +

TLTA (++) +

OTHER TESTS

PRELIMINARY TEST RESULTS

RESULTS Cocaine

DATE 1-18-12

GC/MS CONFIRMATORY TEST

RESULTS Cocaine

MS
OPERATOR KAC

DATE 1-30-12

DRUG POWDER ANALYSIS FORM

SAMPLE # ██████████████ AGENCY Boston ANALYST DJR

No. of samples tested: 1 Evidence Wt. OK

PHYSICAL DESCRIPTION:

Off white chunky substance
in 4 clear PB's.

Gross Wt (4): 12.6770

Gross Wt (1): 2.9275g

Pkg. Wt: 0.1518g

Net Wt: 2.7757g

PRELIMINARY TESTS
Spot Tests

Cobalt
Thiocyanate (H+)   + (blue)

Marquis   —

Froehde's   —

Mecke's   —

Microcrystalline Tests

Gold
Chloride   +

TLTA (H+)   +

OTHER TESTS

PRELIMINARY TEST RESULTS

RESULTS Cocaine

DATE 1-18-12

GC/MS CONFIRMATORY TEST

RESULTS Cocaine

MS
OPERATOR KAC

DATE 1-30-12

DRUG POWDER ANALYSIS FORM

SAMPLE # ▮▮▮▮▮▮▮▮ AGENCY _Boston_ ANALYST _DJR_

No. of samples tested: _____ Evidence Wt. _OK_

PHYSICAL DESCRIPTION:

Gross Wt ( ): _____

Yellow waxy substance
and off white waxy, beady
substance in one clear
evidence PB. Also submitted with an
empty clear PB.

Gross Wt ( ): _____

Pkg. Wt: _____

Net Wt: _59.4237g_

PRELIMINARY TESTS
Spot Tests

2 Cobalt
   Thiocyanate (i++) ____ —____

2 Marquis ____ —____

2 Froehde's ____ —____

2 Mecke's ____ —____

Microcrystalline Tests

Gold
Chloride _____

TLTA ( ) _____

OTHER TESTS

2 Dilli ⊖

2 GC analysis ⊕

PRELIMINARY TEST RESULTS

RESULTS _Unknown_

DATE _1-31-12_

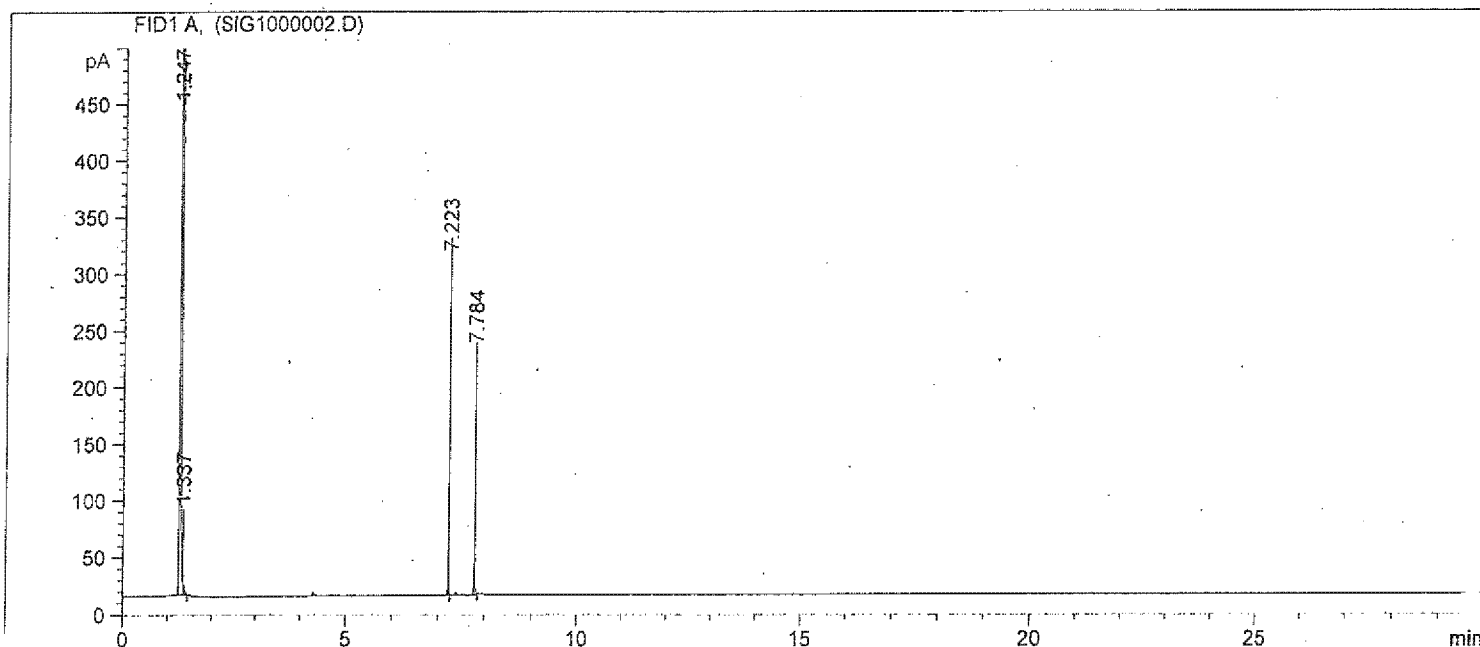## GC/MS CONFIRMATORY TEST

RESULTS _Negative_

MS
OPERATOR _KAC_

DATE _1-30-12_

Data File C:\CHEM32\1\DATA\SIG1000002.D
Sample Name: COCAINE/CODEINE
==

Acq. Operator   :   Seq. Line :   2
Acq. Instrument : Drug Lab GC#3   Location : Vial 2
Injection Date : 1/21/2012 7:55:23 AM   Inj :   1
                                         Inj Volume : 1 µl

Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method   : C:\CHEM32\1\METHODS\GENSCAN.M
Last changed   : 3/9/2011 1:42:02 PM
==

==
                    Area Percent Report
==

Sorted By   :   Retention Time
Multiplier: :   1.0000
Dilution: :   1.0000
Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

| Peak | RetTime | Sig | Type | Area | Height | Area |
#	[min]			[pA*s]	[pA]	%
1	1.247	1	BB S	8.13939e4	7.15875e4	99.42977
2	1.337	1	BB X	53.52231	63.17652	0.06538
3	7.223	1	BB	238.00304	298.14883	0.29074
4	7.784	1	BB	175.27112	216.50496	0.21411

Totals :   8.18607e4   7.21653e4

==
                    *** End of Report ***

```
========================================================================
  Acq. Operator    :                        Seq. Line :   1
  Acq. Instrument  : Drug Lab GC#3            Location : Vial 1
  Injection Date   : 1/21/2012 12:54:59 PM        Inj :   1
                                         Inj Volume : 1 µl
  Sequence File    : C:\CHEM32\1\SEQUENCE\DEFAULT.S
  Method           : C:\CHEM32\1\METHODS\ROUTINE.M
  Last changed     : 8/3/2010 11:50:36 AM
========================================================================
```
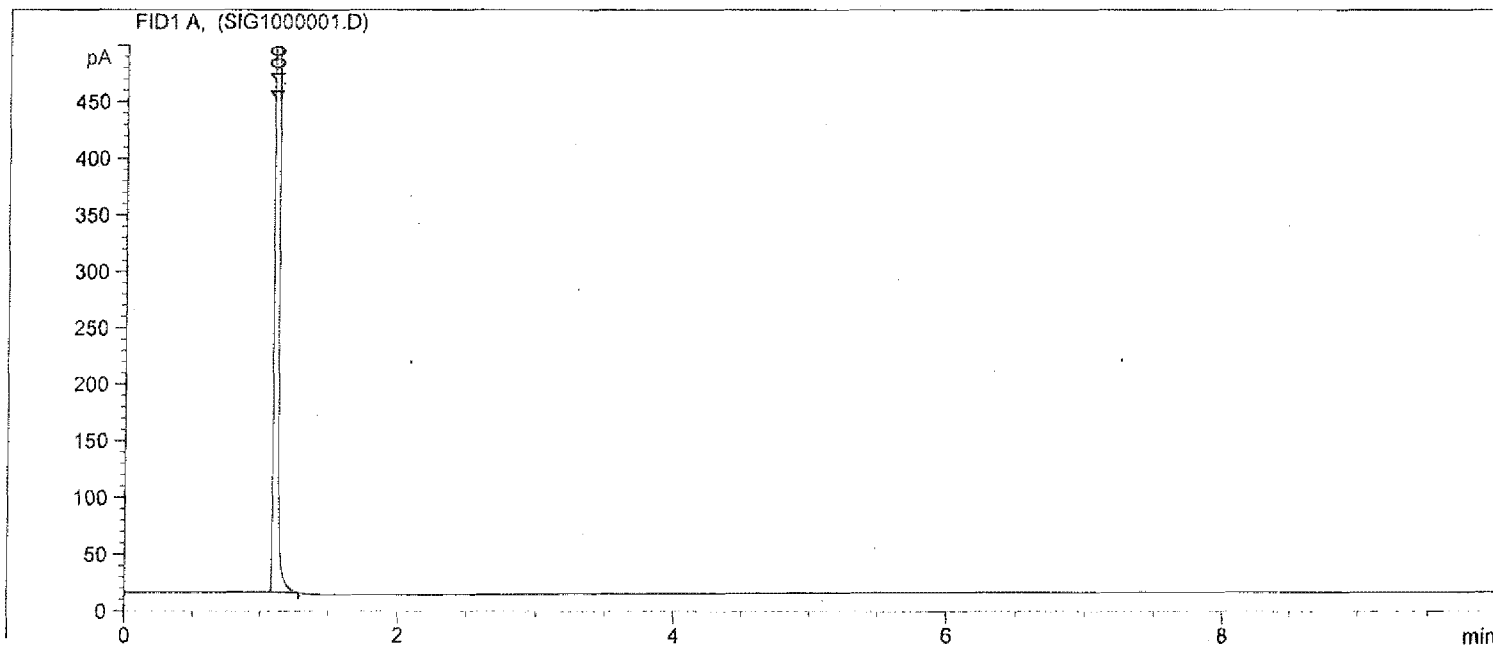


```
========================================================================
                    Area Percent Report
========================================================================

Sorted By             :        Retention Time
Multiplier:                    :        1.0000
Dilution:                      :        1.0000
Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak RetTime Sig Type   Area        Height      Area
  #   [min]           [pA*s]       [pA]          %
----|-------|---|----|----------|----------|--------|
  1   1.100  1  BB S 7.41086e4  7.10398e4  1.000e2

Totals :            7.41086e4   7.10398e4
```

```
========================================================================
                  *** End of Report ***
========================================================================
```

Folk_OIG_PRR_078818

Data File C:\CHEM32\1\DATA\SIG1000002.D
Sample Name: ████████

```
============================================================================
Acq. Operator    :                          Seq. Line :    2
Acq. Instrument  : Drug Lab GC#3            Location  : Vial 4
Injection Date   : 1/21/2012 1:09:11 PM         Inj :    1
                                          Inj Volume : 1 µl

Sequence File    : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method           : C:\CHEM32\1\METHODS\GENSCAN.M
Last changed     : 3/9/2011 1:42:02 PM
============================================================================
```
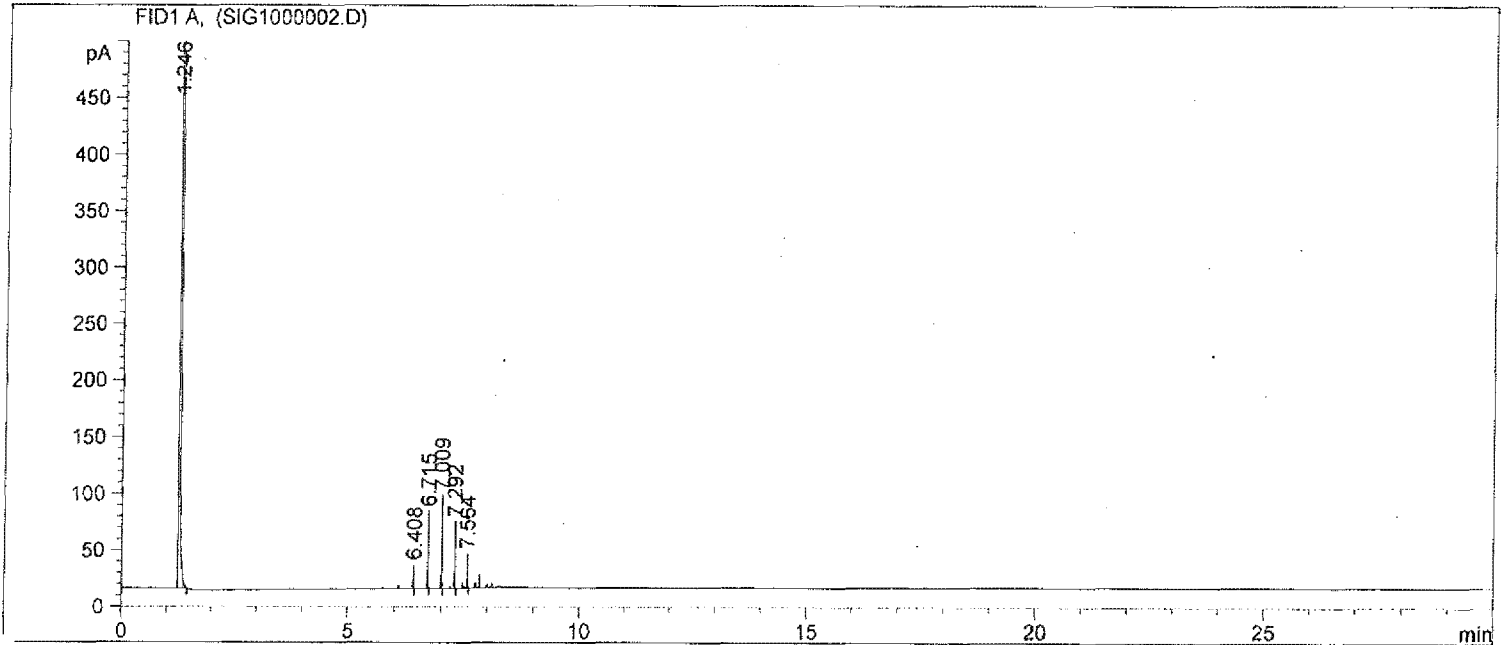

FID1 A, (SIG1000002.D)

```
===========================================================================
                          Area Percent Report
===========================================================================

Sorted By          :           Retention Time
Multiplier:                    :        1.0000
Dilution:                      :        1.0000
Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak RetTime Sig Type    Area        Height      Area
  #   [min]              [pA*s]      [pA]         %
----|-------|---|----|----------|-----------|--------|
  1   1.246  1  BB S  8.34281e4   7.81570e4   99.76351
  2   6.408  1  BB      15.62605    20.62785    0.01869
  3   6.715  1  BB      50.58713    67.84473    0.06049
  4   7.009  1  BB      63.08533    81.82526    0.07544
  5   7.292  1  BB      44.29078    58.29098    0.05296
  6   7.564  1  BB      24.17536    30.18651    0.02891

Totals :              8.36258e4   7.84157e4
```

```
===========================================================================
                        *** End of Report ***
```

Data File C:\CHEM32\1\DATA\SIG1000003.D
Sample Name: BLANK
===
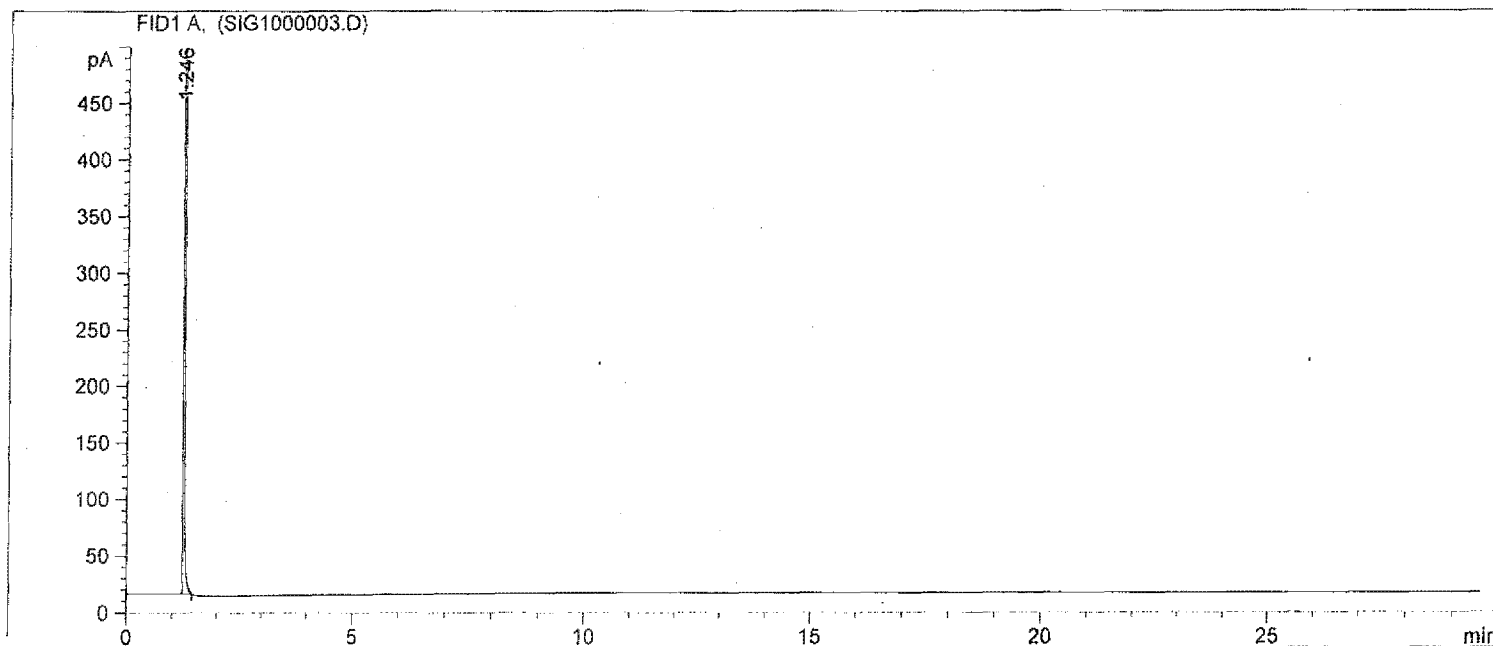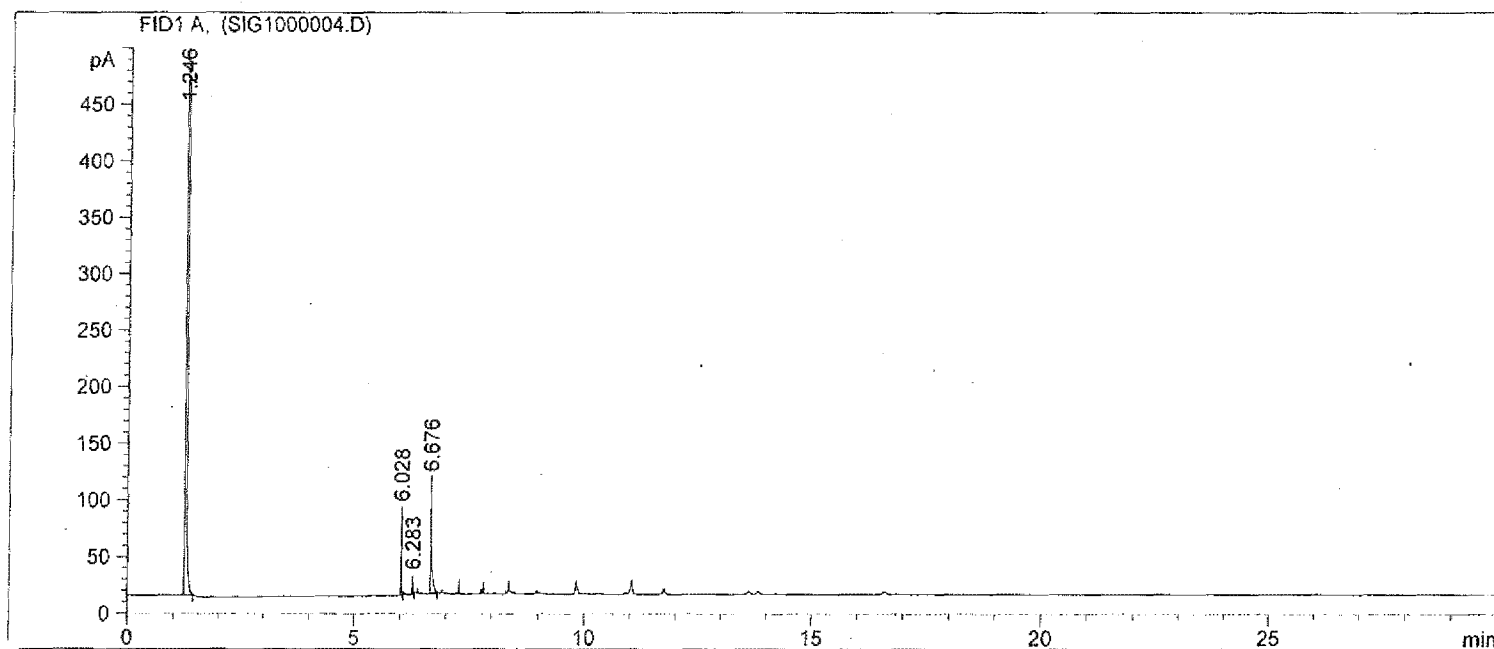Acq. Operator   :   Seq. Line :   3
Acq. Instrument : Drug Lab GC#3   Location : Vial 1
Injection Date : 1/21/2012 1:43:33 PM   Inj :   1
                                      Inj Volume : 1 µl
Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method   : C:\CHEM32\1\METHODS\GENSCAN.M
Last changed   : 3/9/2011 1:42:02 PM
===

===
                    Area Percent Report
===

Sorted By   :   Retention Time
Multiplier: :   1.0000
Dilution: :   1.0000
Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak RetTime Sig Type   Area   Height   Area
  #   [min]   [pA*s]   [pA]   %
----|-------|---|----|----------|----------|--------|
  1   1.246 1 BB S 8.39088e4 8.28002e4 1.000e2

Totals :   8.39088e4 8.28003e4

===
                 *** End of Report ***

```
==========================================================================
Acq. Operator   :                          Seq. Line :    4
Acq. Instrument : Drug Lab GC#3             Location : Vial 6
Injection Date  : 1/21/2012 2:18:03 PM          Inj :    1
                                        Inj Volume : 1 µl

Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method          : C:\CHEM32\1\METHODS\GENSCAN.M
Last changed    : 3/9/2011 1:42:02 PM
==========================================================================
```



```
==========================================================================
                        Area Percent Report
==========================================================================

Sorted By             :        Retention Time
Multiplier:           :            1.0000
Dilution:             :            1.0000
Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak RetTime Sig Type    Area      Height      Area
  #   [min]            [pA*s]      [pA]         %
----|-------|---|----|----------|----------|--------|
  1   1.246  1  BB S  8.28143e4  8.13382e4  99.71943
  2   6.028  1  BB      66.24550   77.39823   0.07977
  3   6.283  1  BB      16.47812   16.62928   0.01984
  4   6.676  1  BB     150.27838  102.75301   0.18096

Totals :             8.30473e4  8.15349e4
```

```
==========================================================================
                      *** End of Report ***
```

Folk_OIG_PRR_078821

√KAC
5/18/12
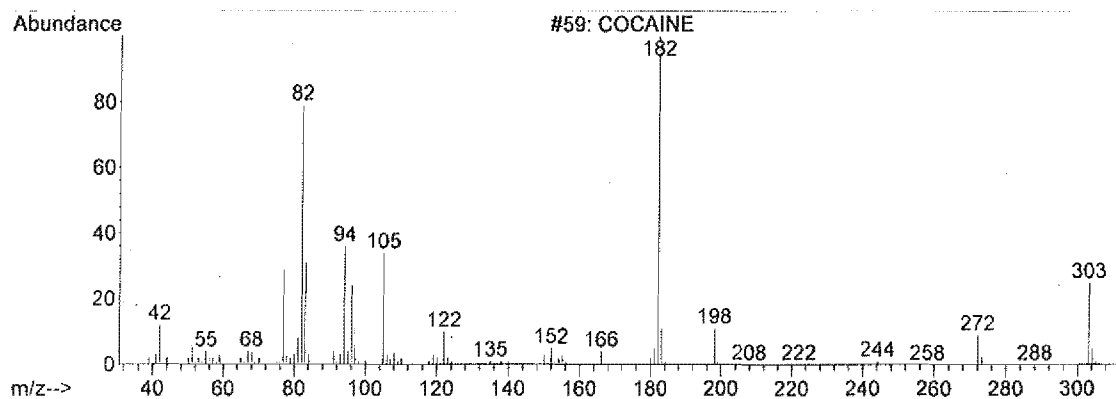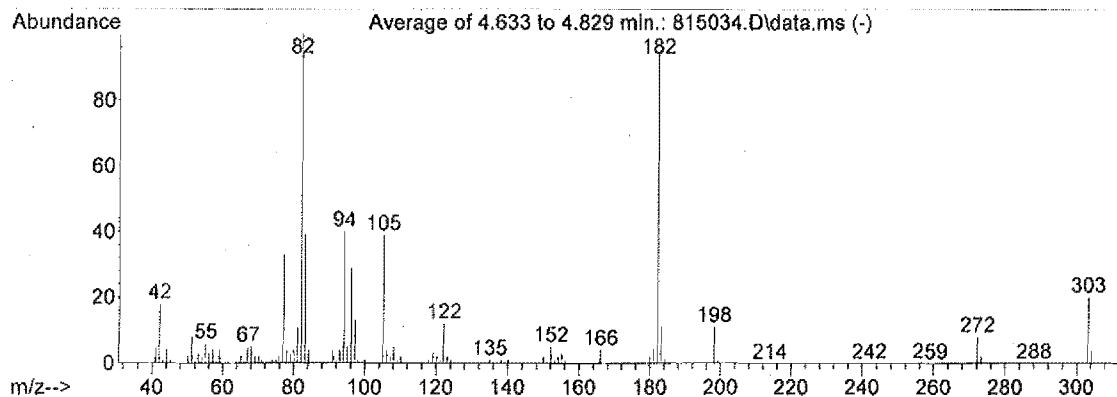
Information from Data File:
File Name   : C:\msdchem\1\System7\01_26_12\815033.D
Operator   : KAC
Date Acquired   : 27 Jan 2012   00:37
Sample Name   : BLANK
Submitted by   :
Vial Number   :   1
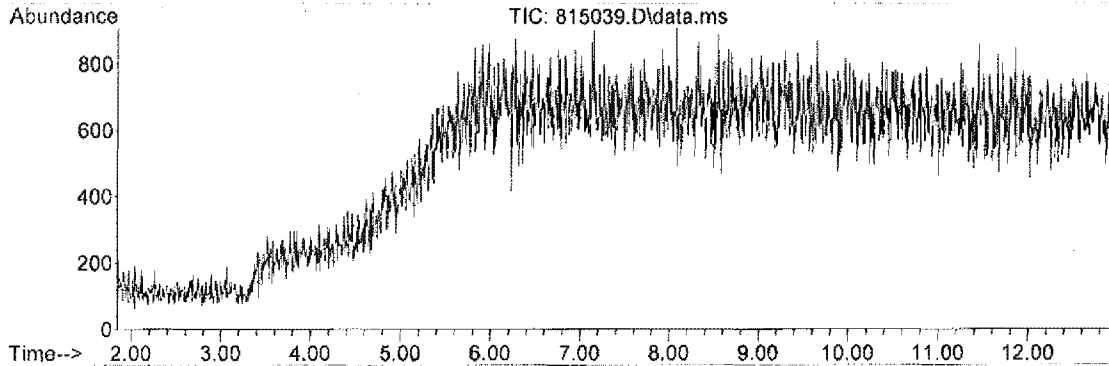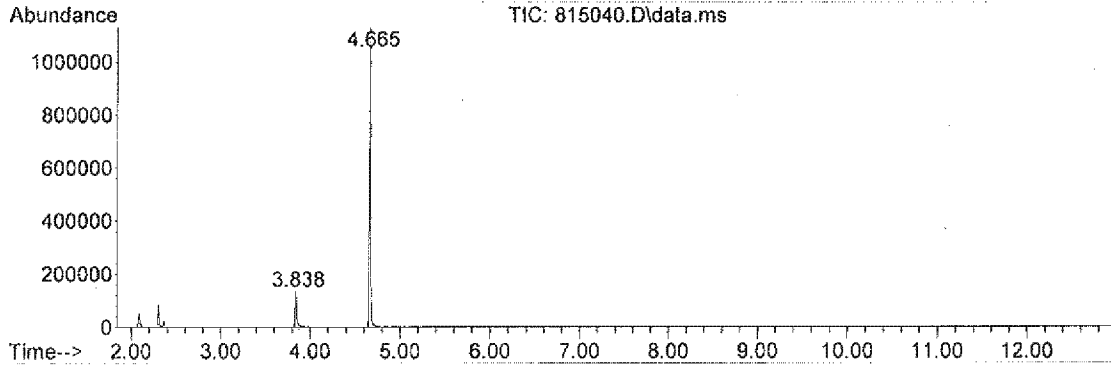AcquisitionMeth: DRUGS.M
Integrator   : RTE
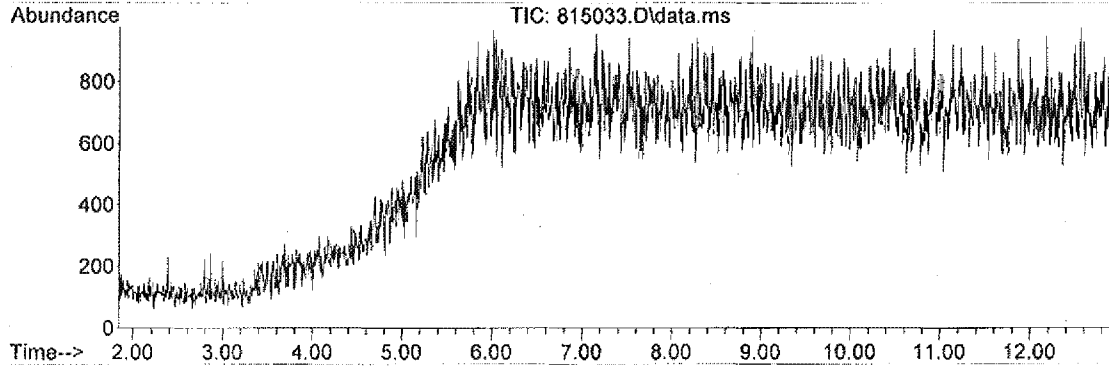
Ret. Time	Area	Area %	Ratio %

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:
File Name   : C:\msdchem\1\System7\01_26_12\815034.D
Operator   : KAC
Date Acquired : 27 Jan 2012 00:53
Sample Name   : COCAINE STD
Submitted by   :
Vial Number   : 34
AcquisitionMeth: DRUGS.M
Integrator   : RTE
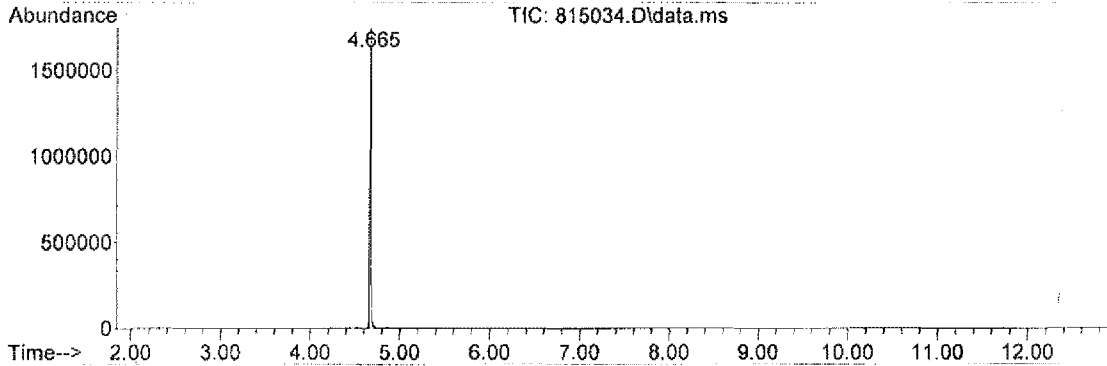
Ret. Time	Area	Area %	Ratio %
4.665	1776702	100.00	100.00

Information from Data File:
File Name   : C:\msdchem\1\System7\01_26_12\815034.D
Operator   : KAC
Date Acquired : 27 Jan 2012 00:53
Sample Name   : COCAINE STD
Submitted by   :
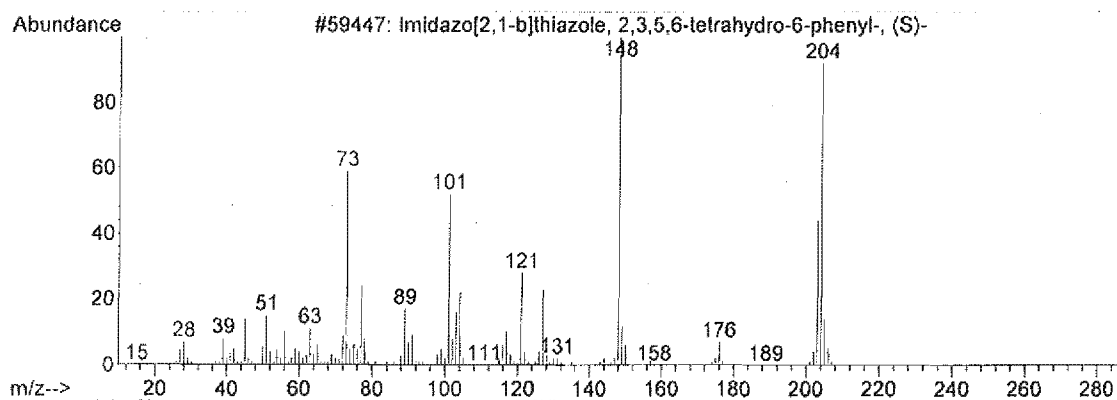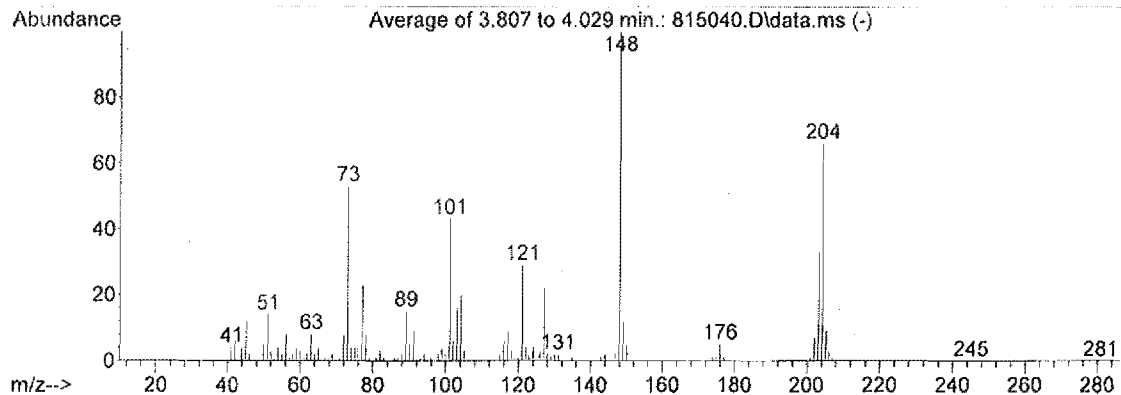Vial Number   : 34
AcquisitionMeth: DRUGS.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 85
                   C:\Database\NIST05a.L   Minimum Quality: 85
                   C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	4.66	C:\Database\SLI.L		
		COCAINE	000050-36-2	99
		COCAINE	000050-36-2	99
		COCAINE	000050-36-2	99

Average of 4.633 to 4.829 min.: 815034.D\data.ms (-)

#59: COCAINE

815034.D   Fri May 18 13:04:00 2012   Page   2

Information from Data File:
File Name   : C:\msdchem\1\System7\01_26_12\815039.D
Operator   : KAC
Date Acquired : 27 Jan 2012   2:10
Sample Name   : BLANK
Submitted by   : DJR
Vial Number   :   1
AcquisitionMeth: DRUGS.M
Integrator   : RTE

Ret. Time   Area   Area %   Ratio %
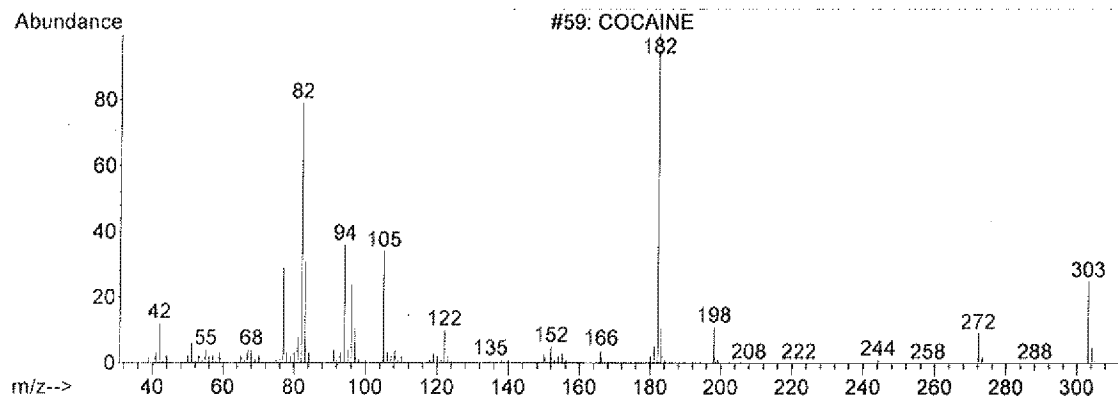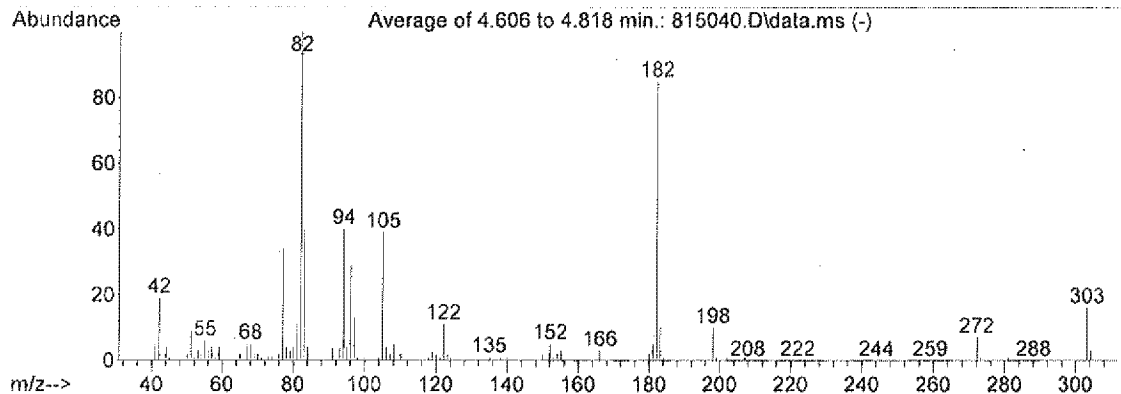
NO INTEGRATED PEAKS

Information from Data File:
File Name   : C:\msdchem\1\System7\01_26_12\815040.D
Operator   : KAC
Date Acquired   : 27 Jan 2012   2:26
Sample Name   : ███████████
Submitted by   : DJR
Vial Number   : 40
AcquisitionMeth: DRUGS.M
Integrator   : RTE

Ret. Time	Area	Area %	Ratio %
3.838	177208	14.72	17.26
4.665	1026567	85.28	100.00

Information from Data File:
File Name   : C:\msdchem\1\System7\01_26_12\815040.D
Operator   : KAC
Date Acquired   : 27 Jan 2012   2:26
Sample Name   : ███████████
Submitted by   : DJR
Vial Number   : 40
AcquisitionMeth: DRUGS.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 85
                    C:\Database\NIST05a.L   Minimum Quality: 85
                    C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	3.84	C:\Database\NIST05a.L		
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	014769-73-4	98
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	98
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	98

Average of 3.807 to 4.029 min.: 815040.D\data.ms (-)

#59447: Imidazo[2,1-b]thiazole, 2,3,5,6-tetrahydro-6-phenyl-, (S)-

---

815040.D   Fri May 18 13:04:54 2012   Page   2

Information from Data File:
File Name   : C:\msdchem\1\System7\01_26_12\815040.D
Operator   : KAC
Date Acquired : 27 Jan 2012   2:26
Sample Name   : ████████
Submitted by : DJR
Vial Number   : 40
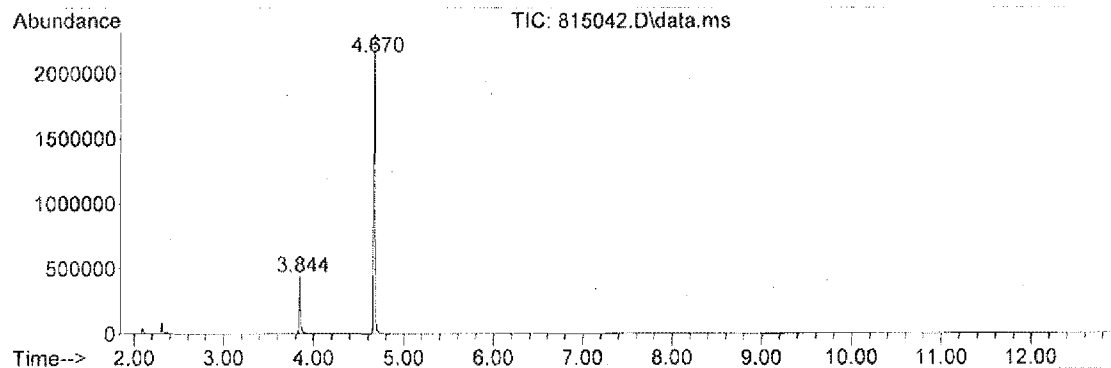AcquisitionMeth: DRUGS.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 85
                   C:\Database\NIST05a.L   Minimum Quality: 85
                   C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	4.66	C:\Database\SLI.L		
		COCAINE	000050-36-2	99
		COCAINE	000050-36-2	99
		COCAINE	000050-36-2	99

Average of 4.606 to 4.818 min.: 815040.D\data.ms (-)

#59: COCAINE

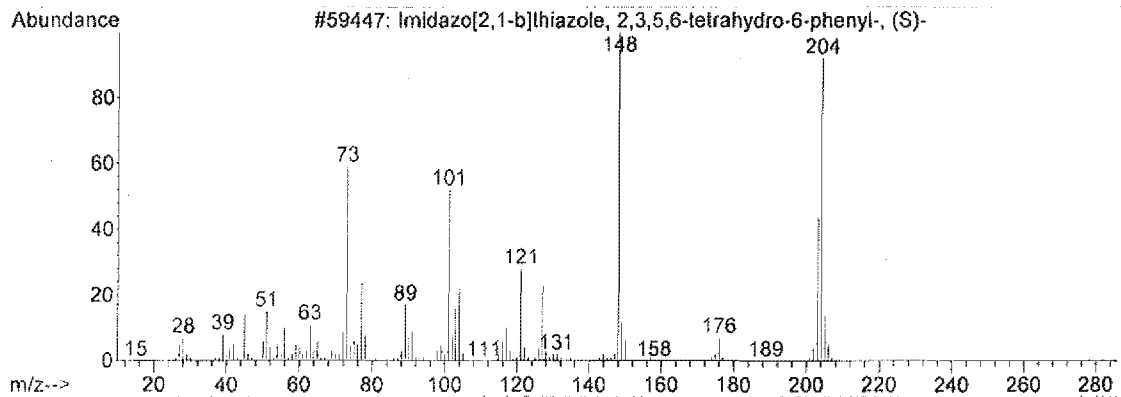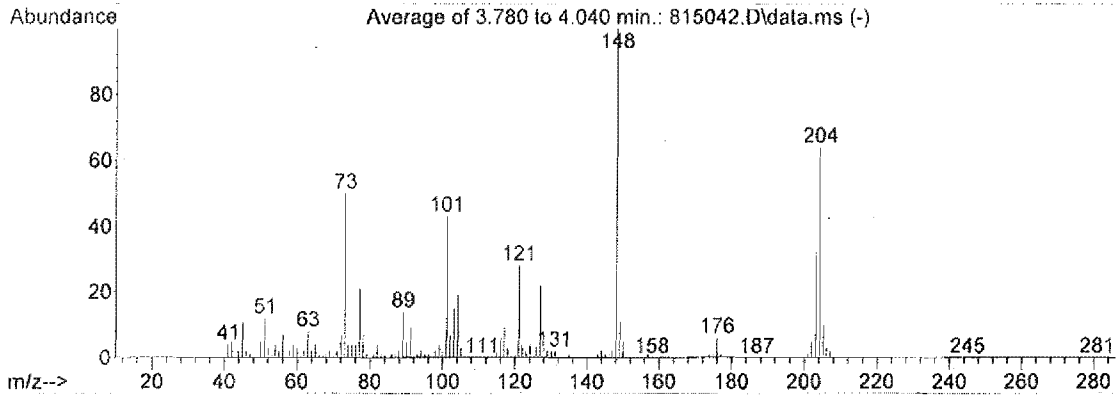Information from Data File:
File Name   : C:\msdchem\1\System7\01_26_12\815041.D
Operator   : KAC
Date Acquired : 27 Jan 2012   2:41
Sample Name   : BLANK
Submitted by   : DJR
Vial Number   :   1
AcquisitionMeth: DRUGS.M
Integrator   : RTE
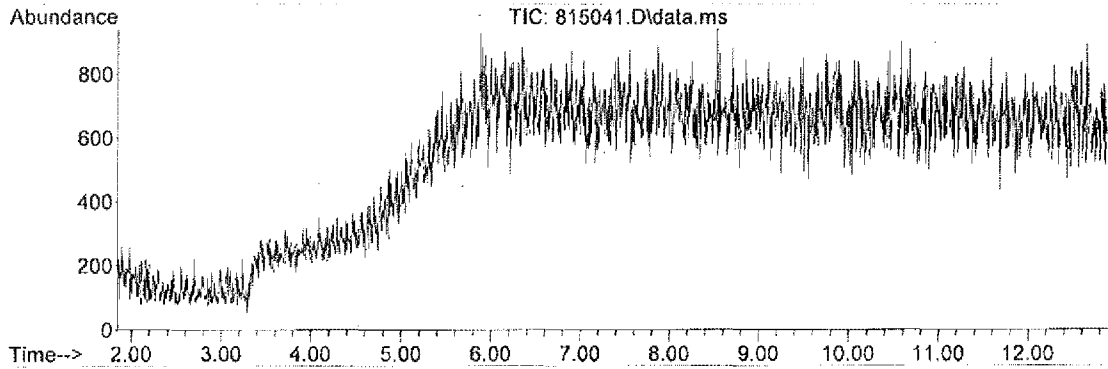
Ret. Time   Area   Area %   Ratio %

NO INTEGRATED PEAKS

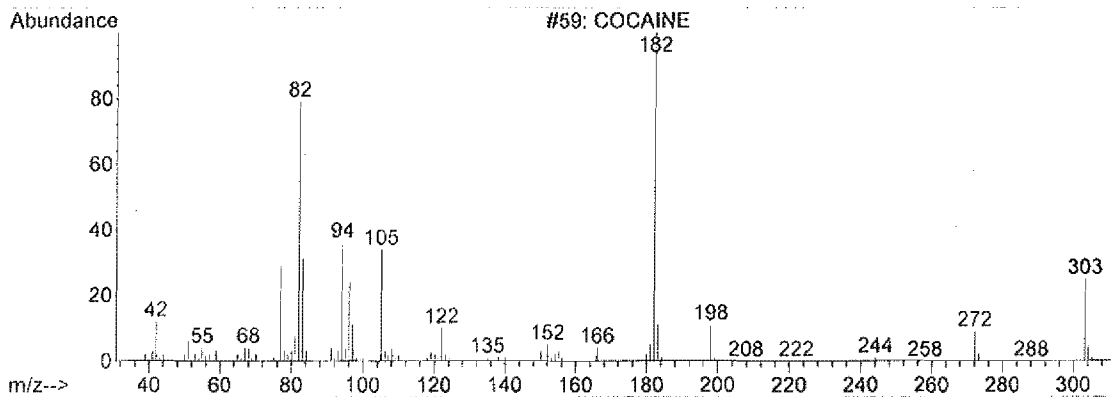815041.D   Fri May 18 13:05:05 2012   Page   1

Area Percent / Library Search Report

Information from Data File:
File Name   : C:\msdchem\1\System7\01_26_12\815042.D
Operator   : KAC
Date Acquired   : 27 Jan 2012   2:57
Sample Name   : ███████████
Submitted by   : DJR
Vial Number   : 42
AcquisitionMeth: DRUGS.M
Integrator   : RTE

Abundance   TIC: 815042.D\data.ms

Ret. Time	Area	Area %	Ratio %
3.844	488508	16.05	19.12
4.670	2554873	83.95	100.00

Information from Data File:
```
File Name       : C:\msdchem\1\System7\01_26_12\815042.D
Operator        : KAC
Date Acquired   : 27 Jan 2012    2:57
Sample Name     : ███████████
Submitted by    : DJR
Vial Number     : 42
AcquisitionMeth : DRUGS.M
Integrator      : RTE
```

Search Libraries: C:\Database\SLI.L   Minimum Quality: 85
                     C:\Database\NIST05a.L   Minimum Quality: 85
                     C:\Database\PMW_TOX2.L

| PK#	RT	Library/ID	CAS#	Qual
1	3.84	C:\Database\NIST05a.L		
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	014769-73-4	99
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	98
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	014769-73-4	98

Average of 3.780 to 4.040 min.: 815042.D\data.ms (-)

#59447: Imidazo[2,1-b]thiazole, 2,3,5,6-tetrahydro-6-phenyl-, (S)-

Folk_OIG_PRR_078831

Information from Data File:
File Name   : C:\msdchem\1\System7\01_26_12\815042.D
Operator   : KAC
Date Acquired   : 27 Jan 2012   2:57
Sample Name   : ███████████
Submitted by   : DJR
Vial Number   : 42
AcquisitionMeth : DRUGS.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 85
                    C:\Database\NIST05a.L   Minimum Quality: 85
                    C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	4.67	C:\Database\SLI.L		
		COCAINE	000050-36-2	99
		COCAINE	000050-36-2	99
		COCAINE	000050-36-2	99

Abundance   Average of 4.617 to 4.802 min.: 815042.D\data.ms (-)

Abundance   #59: COCAINE

Folk_OIG_PRR_078832
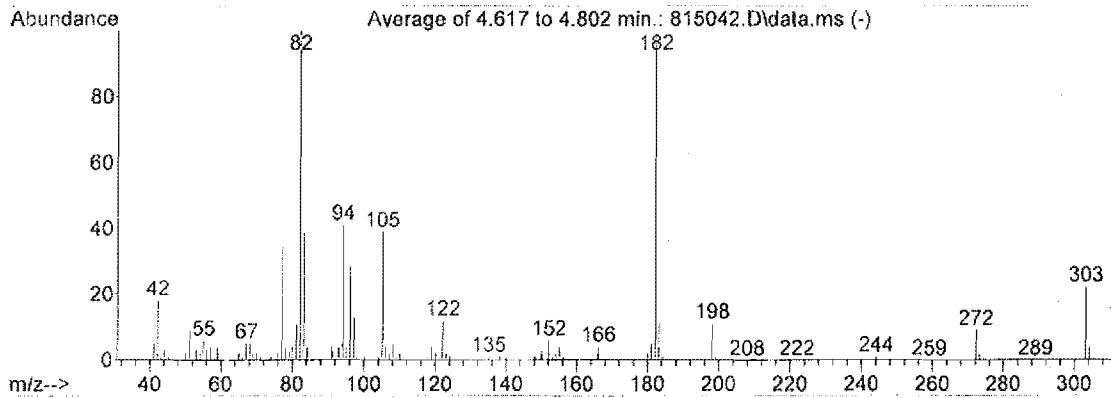
Information from Data File:
File Name   : C:\msdchem\1\System7\01_26_12\815044.D
Operator   : KAC
Date Acquired   : 27 Jan 2012   3:28
Sample Name   : BLANK
Submitted by   :
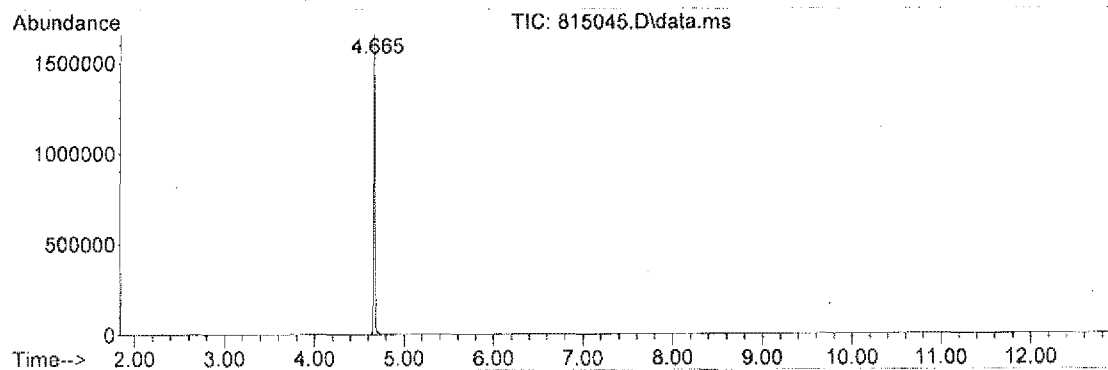Vial Number   :   1
AcquisitionMeth: DRUGS.M
Integrator   : RTE
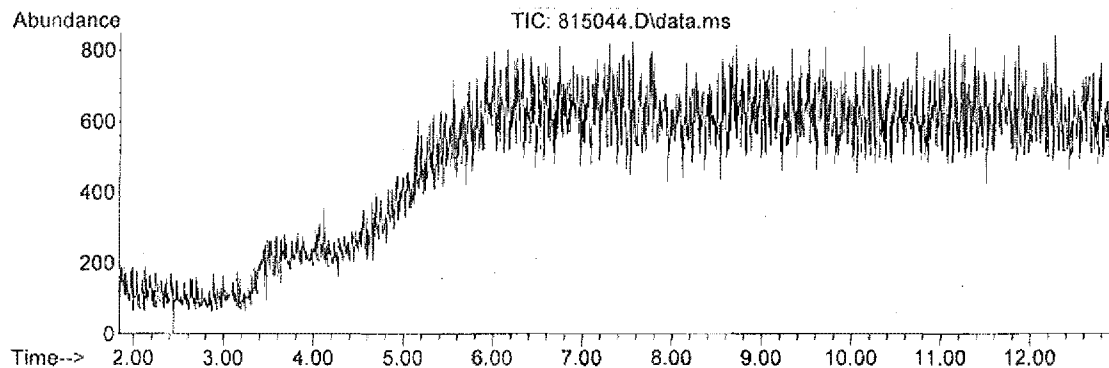
Ret. Time	Area	Area %	Ratio %

NO INTEGRATED PEAKS

815044.D   Fri May 18 13:05:26 2012   Page 1
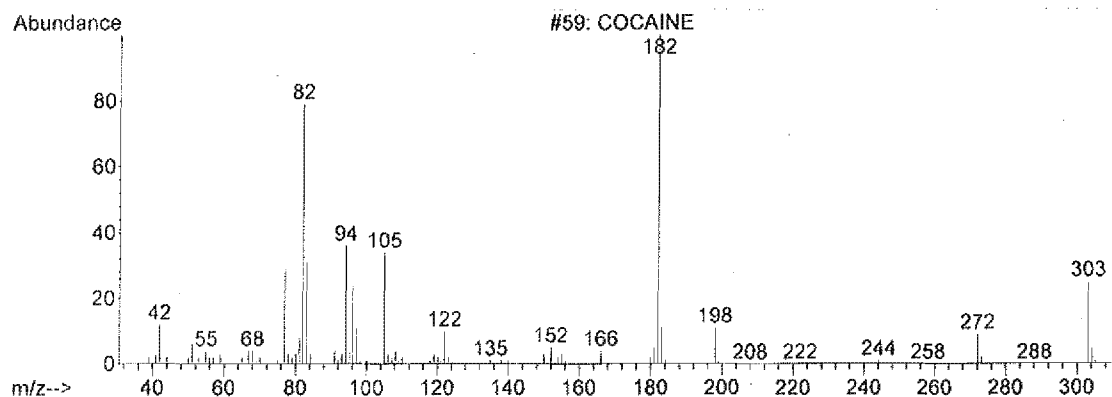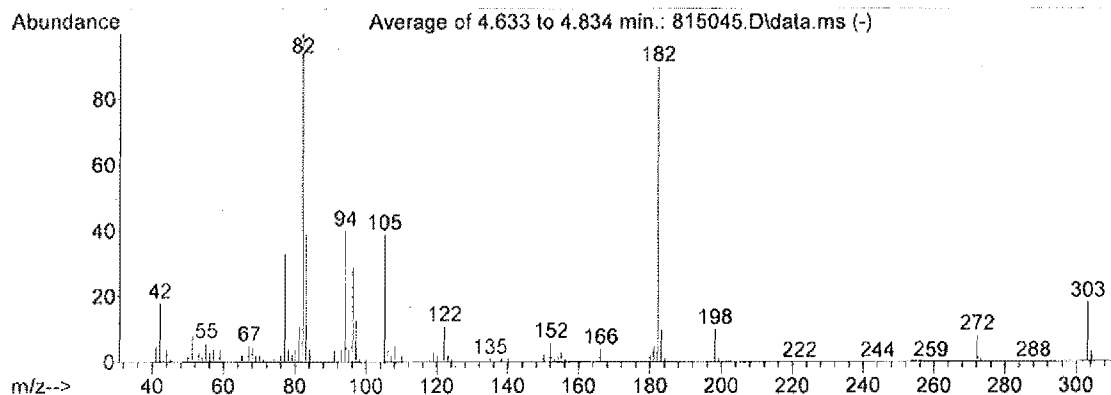
Area Percent / Library Search Report

Information from Data File:
File Name   : C:\msdchem\1\System7\01_26_12\815045.D
Operator   : KAC
Date Acquired : 27 Jan 2012   3:43
Sample Name   : COCAINE STD
Submitted by   :
Vial Number   : 45
AcquisitionMeth: DRUGS.M
Integrator   : RTE

Abundance   TIC: 815045.D\data.ms

1500000   4.665

1000000

500000

      0
Time--> 2.00   3.00   4.00   5.00   6.00   7.00   8.00   9.00   10.00 11.00 12.00

Ret. Time   Area   Area %   Ratio %

4.665   1575158   100.00   100.00

815045.D   Fri May 18 13:05:31 2012   Page   1

Information from Data File:
File Name   : C:\msdchem\1\System7\01_26_12\815045.D
Operator   : KAC
Date Acquired   : 27 Jan 2012   3:43
Sample Name   : COCAINE STD
Submitted by   :
Vial Number   : 45
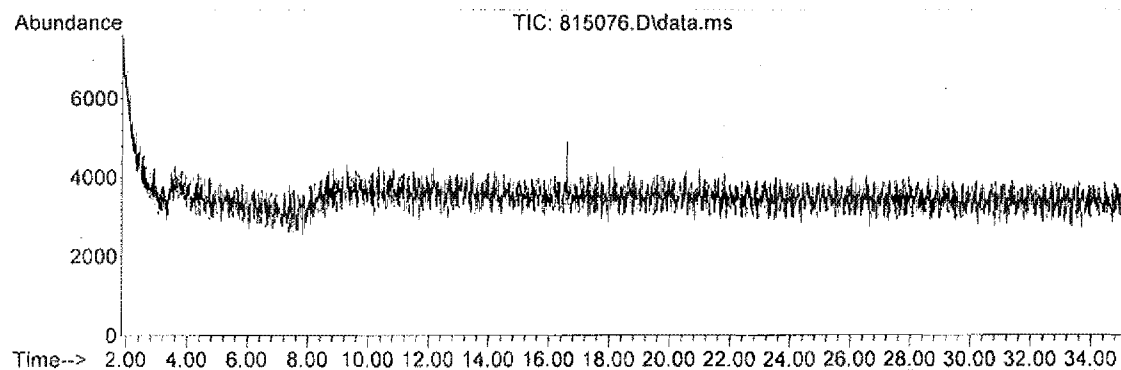AcquisitionMeth : DRUGS.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 85
                    C:\Database\NIST05a.L   Minimum Quality: 85
                    C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	4.66	C:\Database\SLI.L		
		COCAINE	000050-36-2	99
		COCAINE	000050-36-2	99
		COCAINE	000050-36-2	99

Average of 4.633 to 4.834 min.: 815045.D\data.ms (-)

#59: COCAINE

Folk_OIG_PRR_078835

Information from Data File:
File Name   : C:\msdchem\1\System7\01_26_12\815076.D
Operator   : KAC
Date Acquired   : 27 Jan 2012   19:14
Sample Name   : BLANK
Submitted by   :
Vial Number   :   2
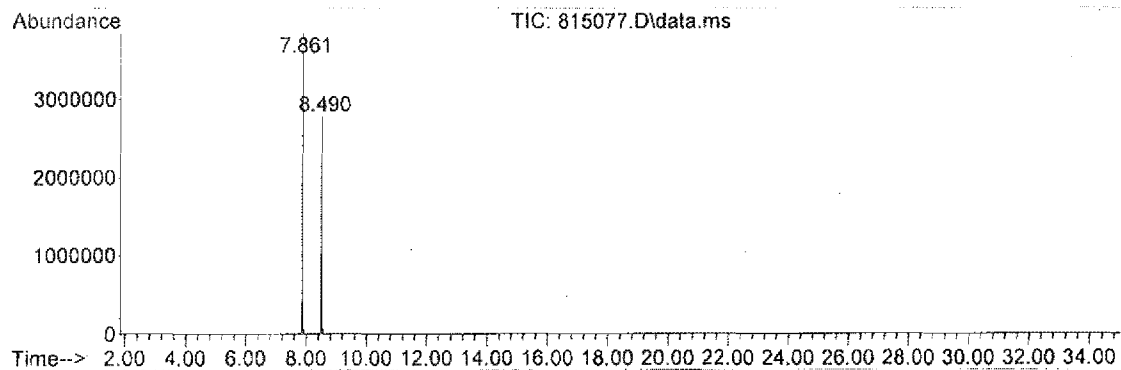AcquisitionMeth: SCREEN.M
Integrator   : RTE

Ret. Time   Area   Area %   Ratio %

NO INTEGRATED PEAKS

Information from Data File:
File Name   : C:\msdchem\1\System7\01_26_12\815077.D
Operator   : KAC
Date Acquired : 27 Jan 2012   19:53
Sample Name   : QC MIX
Submitted by   :
Vial Number   :   3
AcquisitionMeth: SCREEN.M
Integrator   : RTE

Abundance   TIC: 815077.D\data.ms

         7.861

3000000 8.490

2000000

1000000

      0
Time--> 2.00 4.00 6.00 8.00 10.00 12.00 14.00 16.00 18.00 20.00 22.00 24.00 26.00 28.00 30.00 32.00 34.00

Ret. Time	Area	Area %	Ratio %
7.861	3558536	55.40	100.00
8.490	2865178	44.60	80.52

815077.D   Fri May 18 13:06:06 2012   Page 1

Information from Data File:
File Name   : C:\msdchem\1\System7\01_26_12\815077.D
Operator   : KAC
Date Acquired : 27 Jan 2012   19:53
Sample Name   : QC MIX
Submitted by   :
Vial Number   :   3
AcquisitionMeth: SCREEN.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 85
                    C:\Database\NIST05a.L   Minimum Quality: 85
                    C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	7.86	C:\Database\SLI.L		
		COCAINE	000050-36-2	99
		COCAINE	000050-36-2	99
		COCAINE	000050-36-2	99
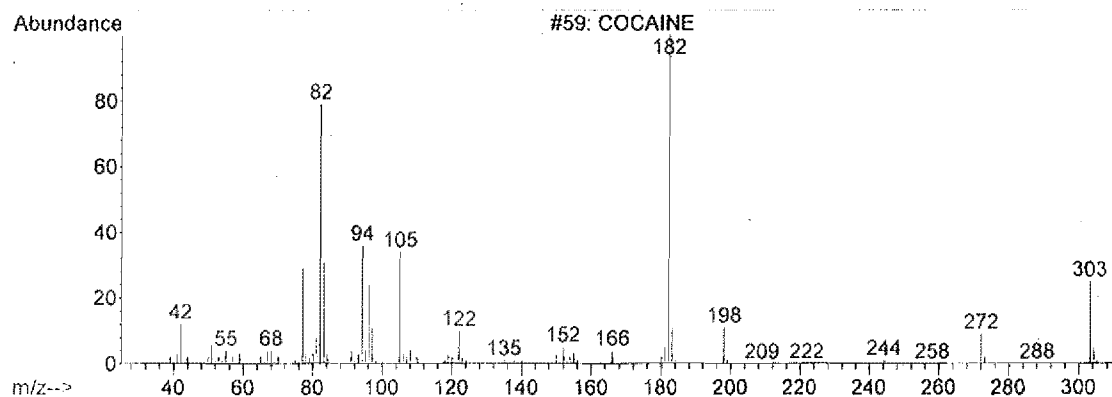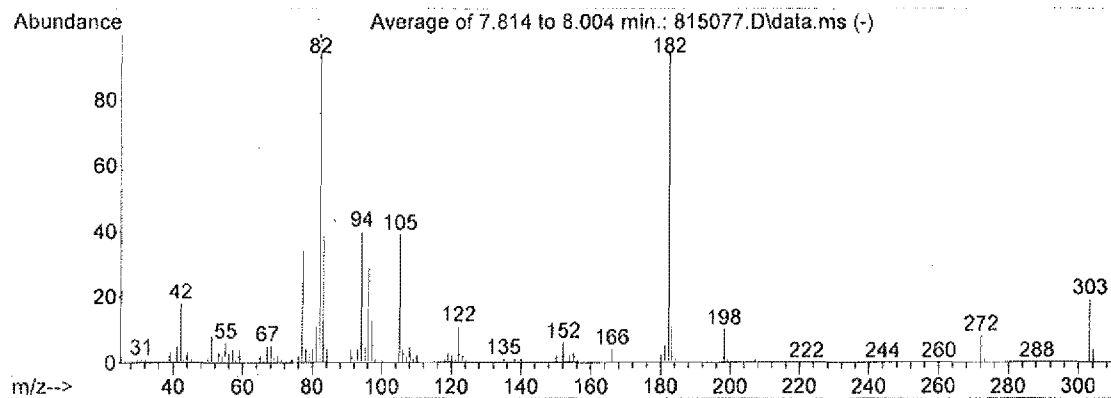
Abundance   Average of 7.814 to 8.004 min.: 815077.D\data.ms (-)

Abundance   #59: COCAINE

815077.D   Fri May 18 13:06:07 2012   Page   2

Folk_OIG_PRR_078838

Information from Data File:
File Name   : C:\msdchem\1\System7\01_26_12\815077.D
Operator   : KAC
Date Acquired : 27 Jan 2012   19:53
Sample Name   : QC MIX
Submitted by   :
Vial Number   :   3
AcquisitionMeth: SCREEN.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 85
                   C:\Database\NIST05a.L   Minimum Quality: 85
                   C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	8.49	C:\Database\NIST05a.L		
		Morphinan-6-ol, 7,8-didehydro-4,5-e	000076-57-3	99
		Morphinan-6-ol, 7,8-didehydro-4,5-e	000076-57-3	99
		Morphinan-6-ol, 7,8-didehydro-4,5-e	000076-57-3	99

Abundance   Average of 8.455 to 8.615 min.: 815077.D\data.ms (-)

Abundance   #124248: Morphinan-6-ol, 7,8-didehydro-4,5-epoxy-3-methoxy-17-methyl-, (5.alpha.,6.alpha.)-

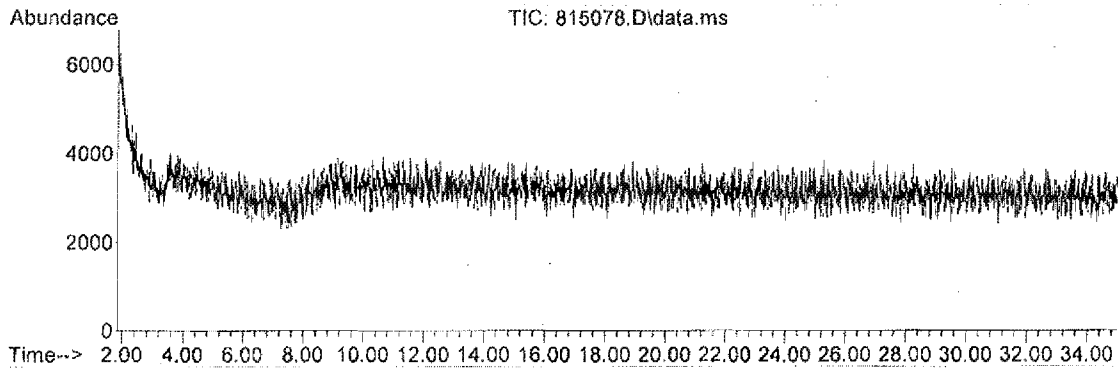815077.D   Fri May 18 13:06:08 2012   Page   3
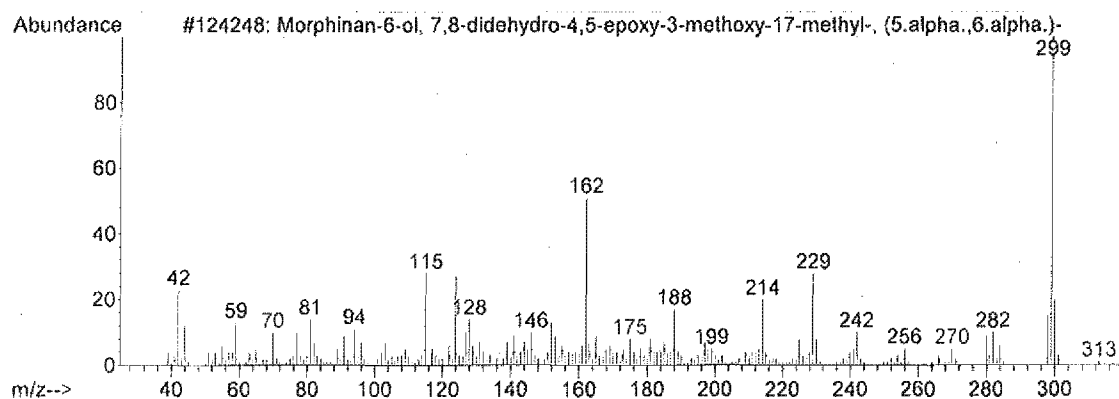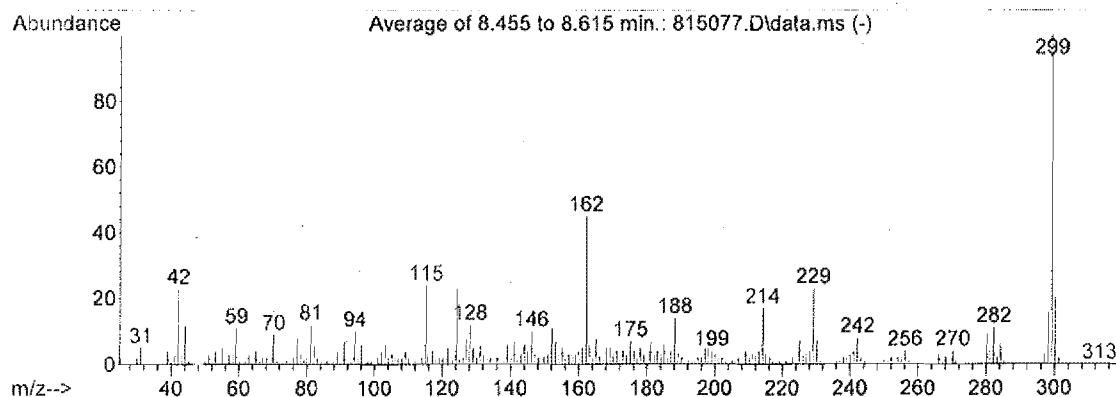
Area Percent / Library Search Report

Information from Data File:
File Name   : C:\msdchem\1\System7\01_26_12\815078.D
Operator   : KAC
Date Acquired : 27 Jan 2012 20:33
Sample Name   : BLANK
Submitted by   : DJR
Vial Number   :   2
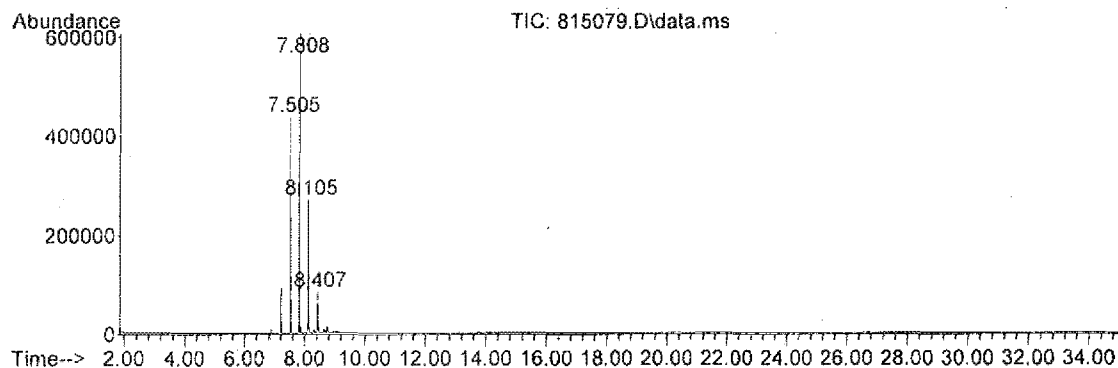AcquisitionMeth: SCREEN.M
Integrator   : RTE

Abundance   TIC: 815078.D\data.ms

Ret. Time   Area   Area %   Ratio %
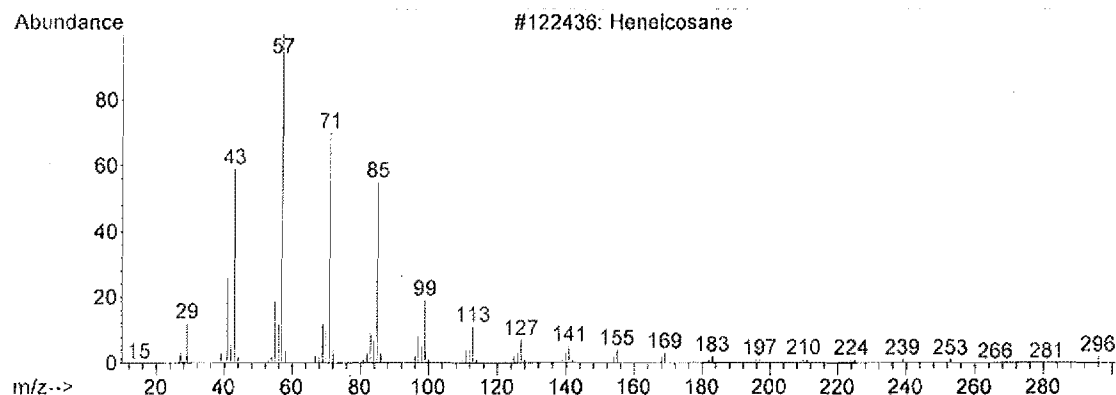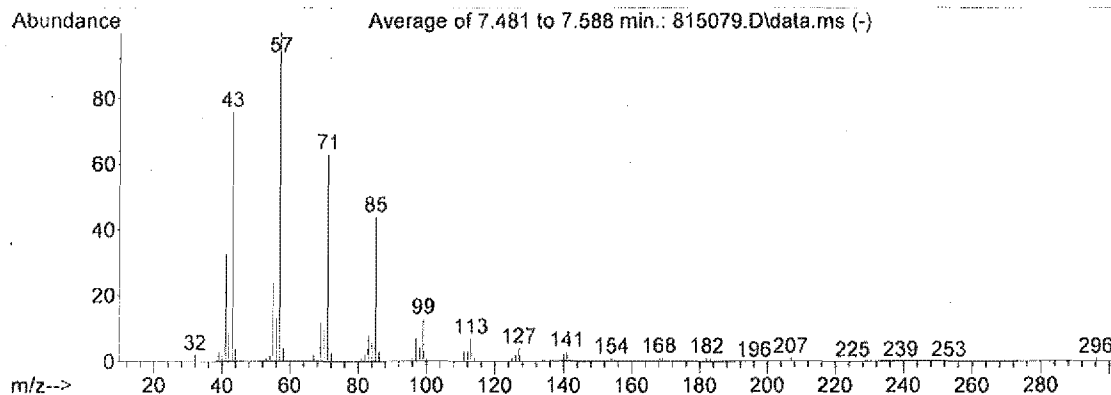

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:
File Name   : C:\msdchem\1\System7\01_26_12\815079.D
Operator   : KAC
Date Acquired : 27 Jan 2012   21:12
Sample Name   : ███████████
Submitted by   : DJR
Vial Number   : 79
AcquisitionMeth: SCREEN.M
Integrator   : RTE

Ret. Time	Area	Area %	Ratio %
7.505	378180	30.07	79.06
7.808	478369	38.03	100.00
8.105	281708	22.40	58.89
8.407	119474	9.50	24.98

815079.D   Fri May 18 13:06:19 2012   Page 1

Information from Data File:
File Name   : C:\msdchem\1\System7\01_26_12\815079.D
Operator   : KAC
Date Acquired : 27 Jan 2012 21:12
Sample Name   : ▮▮▮▮▮▮▮▮
Submitted by   : DJR
Vial Number   : 79
AcquisitionMeth: SCREEN.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 85
                   C:\Database\NIST05a.L   Minimum Quality: 85
                   C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	7.51	C:\Database\NIST05a.L		
		Heneicosane	000629-94-7	97
		Tridecane, 7-hexyl-	007225-66-3	91
		Tetradecane	000629-59-4	91

Abundance   Average of 7.481 to 7.588 min.: 815079.D\data.ms (-)

Abundance   #122436: Heneicosane

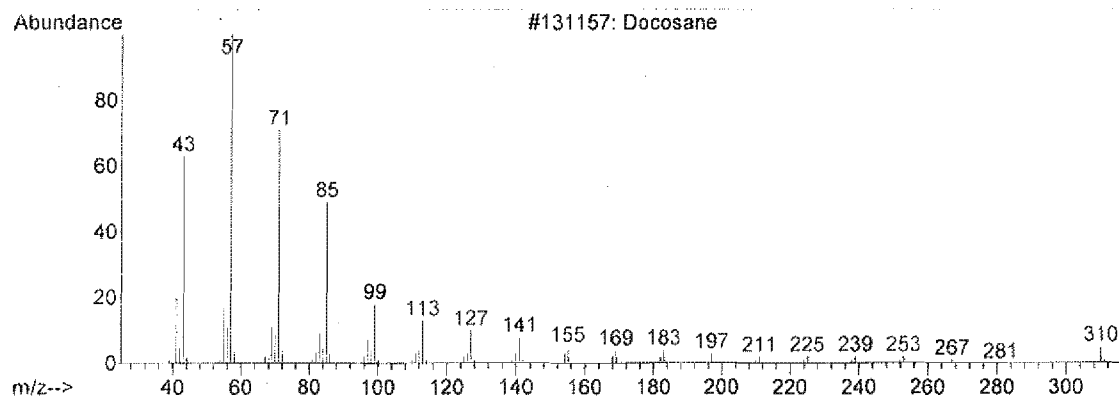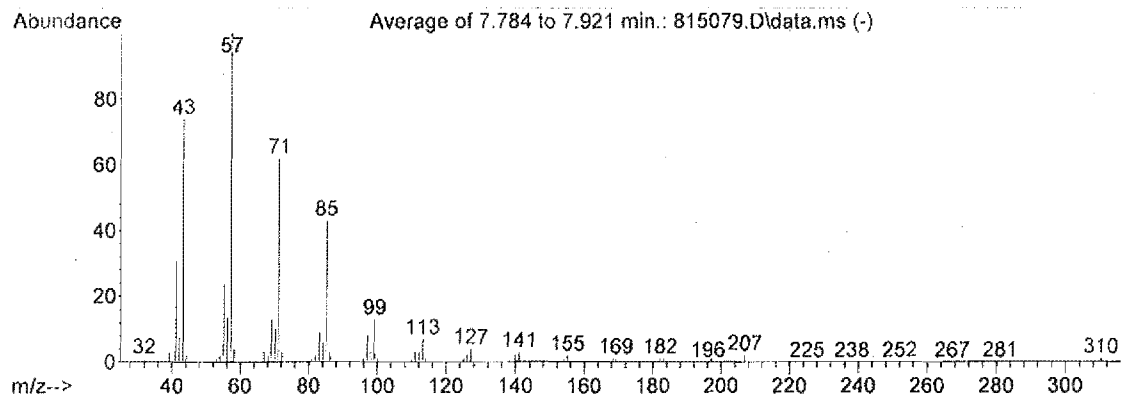
Information from Data File:
File Name   : C:\msdchem\1\System7\01_26_12\815079.D
Operator   : KAC
Date Acquired   : 27 Jan 2012   21:12
Sample Name   : ███████████
Submitted by   : DJR
Vial Number   : 79
AcquisitionMeth: SCREEN.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 85
                    C:\Database\NIST05a.L   Minimum Quality: 85
                    C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	7.81	C:\Database\NIST05a.L		
		Docosane	000629-97-0	94
		Heptacosane	000593-49-7	91
		Tridecane, 7-hexyl-	007225-66-3	91

Abundance   Average of 7.784 to 7.921 min.: 815079.D\data.ms (-)

Abundance   #131157: Docosane

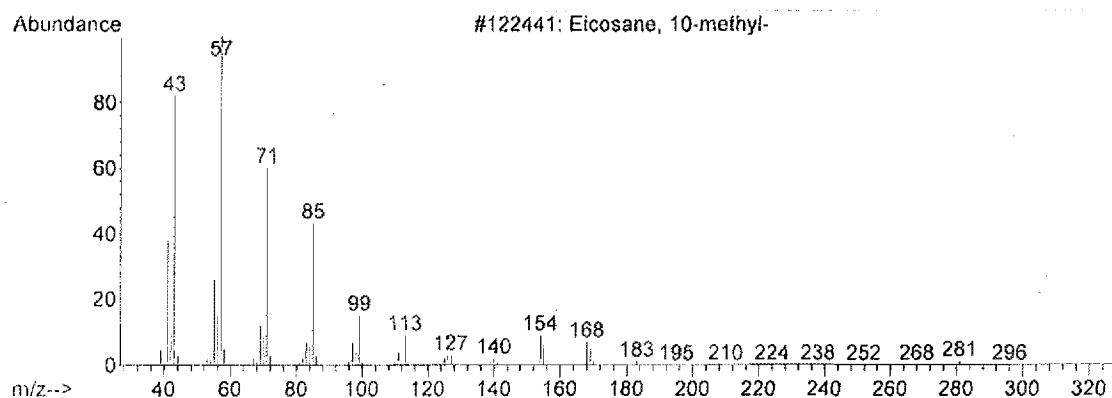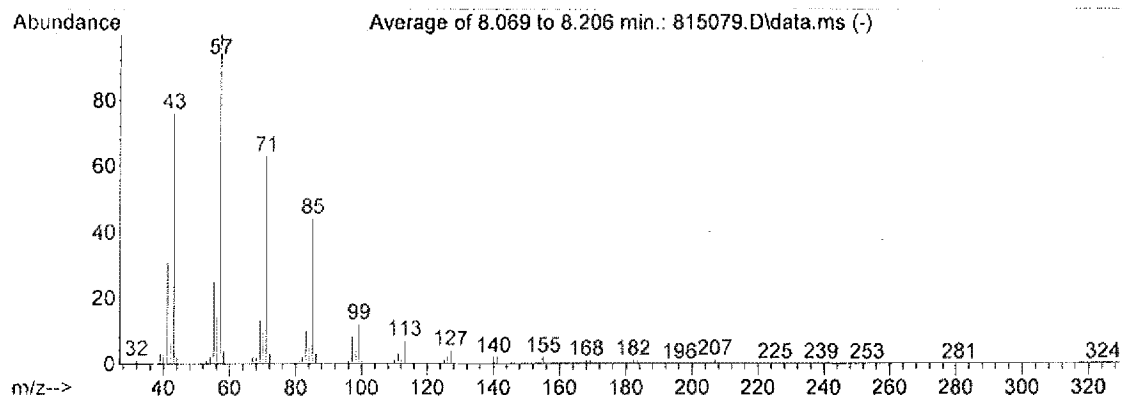815079.D   Fri May 18 13:06:21 2012   Page   3

Information from Data File:
File Name   : C:\msdchem\1\System7\01_26_12\815079.D
Operator   : KAC
Date Acquired : 27 Jan 2012   21:12
Sample Name   : ███████████
Submitted by   : DJR
Vial Number   : 79
AcquisitionMeth: SCREEN.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 85
                     C:\Database\NIST05a.L   Minimum Quality: 85
                     C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	8.10	C:\Database\NIST05a.L		
		Eicosane, 10-methyl-	054833-23-7	91
		Dodecane, 2-methyl-6-propyl-	055045-08-4	90
		Heneicosane	000629-94-7	90

Average of 8.069 to 8.206 min.: 815079.D\data.ms (-)
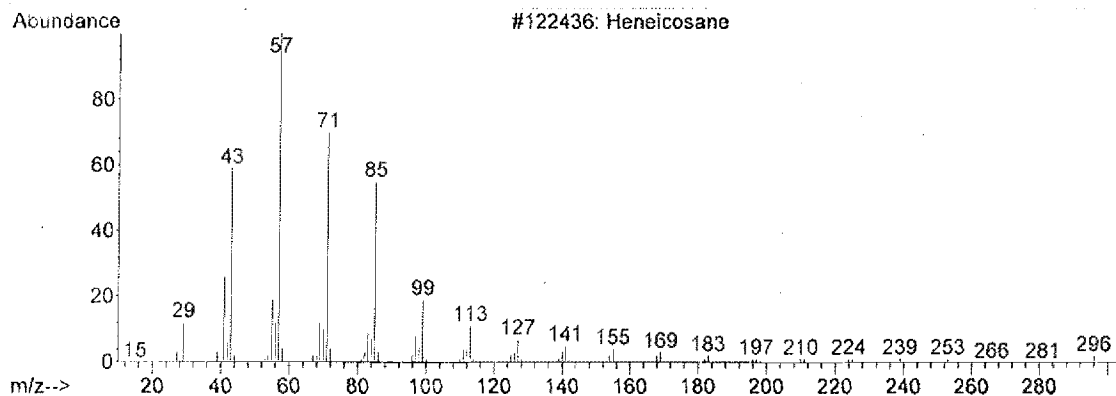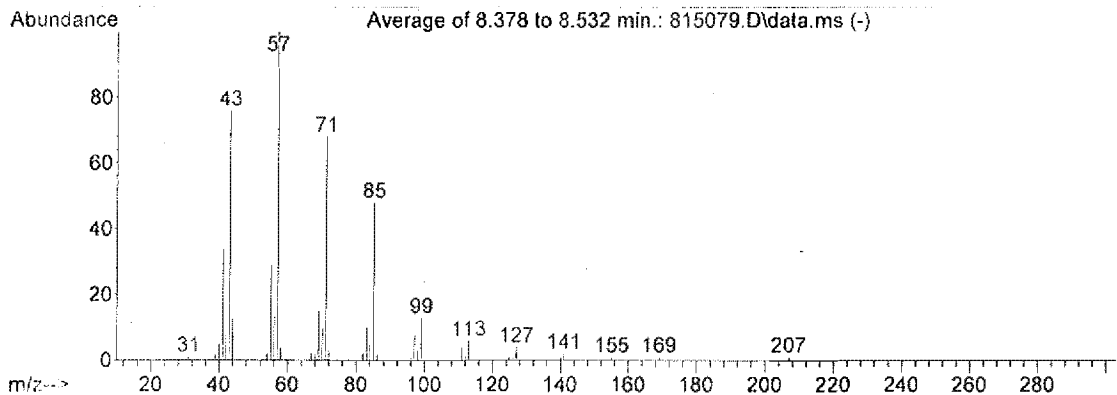

#122441: Eicosane, 10-methyl-

Information from Data File:
File Name   : C:\msdchem\1\System7\01_26_12\815079.D
Operator   : KAC
Date Acquired : 27 Jan 2012 21:12
Sample Name   : ████████████
Submitted by   : DJR
Vial Number   : 79
AcquisitionMeth: SCREEN.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 85
                    C:\Database\NIST05a.L   Minimum Quality: 85
                    C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
4	8.41	C:\Database\NIST05a.L		
		Heneicosane	000629-94-7	90
		Octacosane	000630-02-4	86
		Eicosane, 10-methyl-	054833-23-7	80

Average of 8.378 to 8.532 min.: 815079.D\data.ms (-)

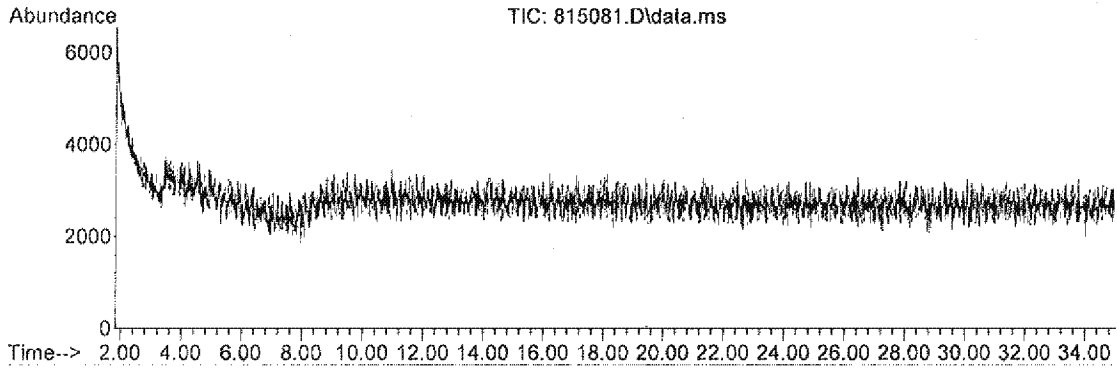#122436: Heneicosane

Folk_OIG_PRR_078845

Information from Data File:
File Name   : C:\msdchem\1\System7\01_26_12\815081.D
Operator   : KAC
Date Acquired : 27 Jan 2012   22:31
Sample Name   : BLANK
Submitted by   : DJR
Vial Number   :   2
AcquisitionMeth: SCREEN.M
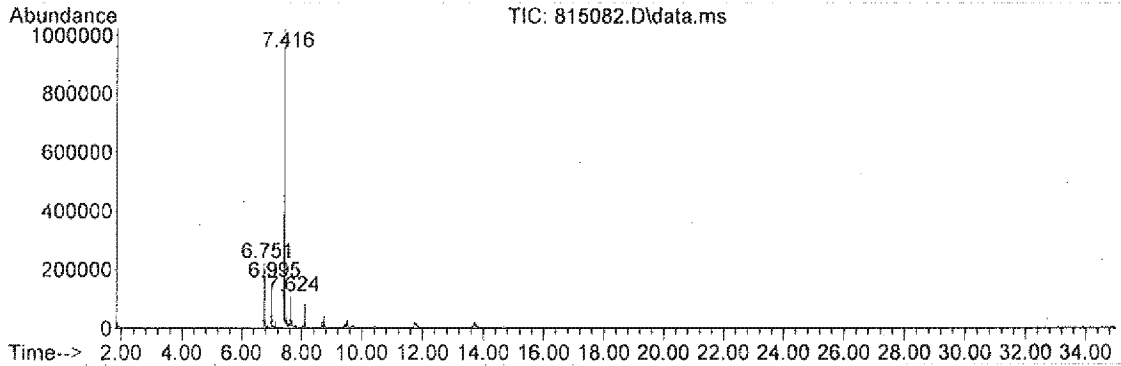Integrator   : RTE

Abundance   TIC: 815081.D\data.ms

Ret. Time   Area   Area %   Ratio %

NO INTEGRATED PEAKS

Information from Data File:
File Name   : C:\msdchem\1\System7\01_26_12\815082.D
Operator   : KAC
Date Acquired : 27 Jan 2012   23:10
Sample Name   : ███████████
Submitted by   : DJR
Vial Number   : 82
AcquisitionMeth: SCREEN.M
Integrator   : RTE

Ret. Time	Area	Area %	Ratio %
6.751	206433	15.18	23.03
6.995	156705	11.52	17.48
7.416	896259	65.90	100.00
7.624	100696	7.40	11.24

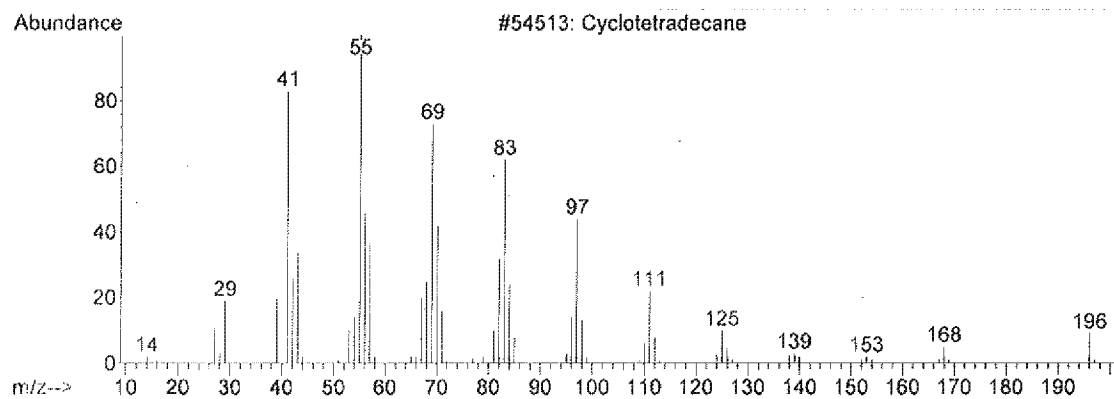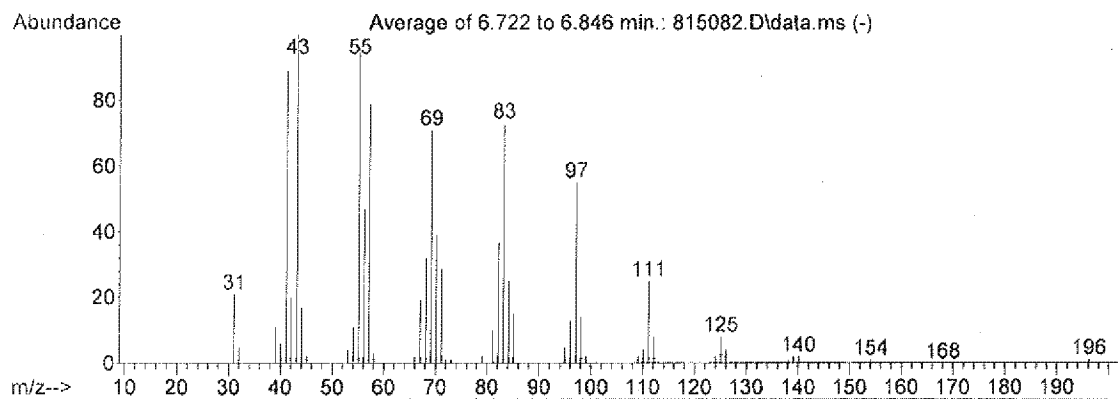815082.D   Fri May 18 13:06:39 2012   Page   1

```
Information from Data File:
File Name      : C:\msdchem\1\System7\01_26_12\815082.D
Operator       : KAC
Date Acquired  : 27 Jan 2012  23:10
Sample Name    : ████████████
Submitted by   : DJR
Vial Number    : 82
AcquisitionMeth: SCREEN.M
Integrator     : RTE
```

```
Search Libraries:   C:\Database\SLI.L           Minimum Quality: 85
                    C:\Database\NIST05a.L        Minimum Quality: 85
                    C:\Database\PMW_TOX2.L
```

PK#	RT	Library/ID	CAS#	Qual
1	6.75	C:\Database\NIST05a.L		
		Cyclotetradecane	000295-17-0	97
		1-Heptadecanol	001454-85-9	94
		1-Hexadecanol	036653-82-4	94

Average of 6.722 to 6.846 min.: 815082.D\data.ms (-)
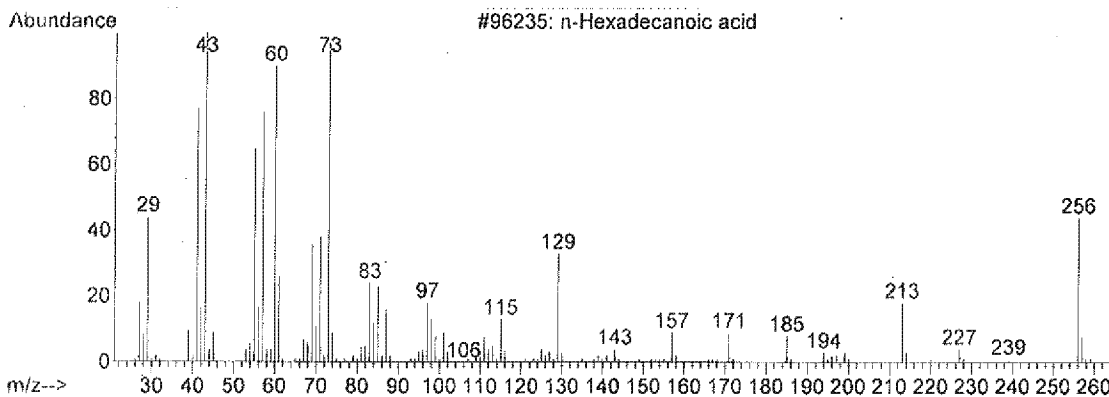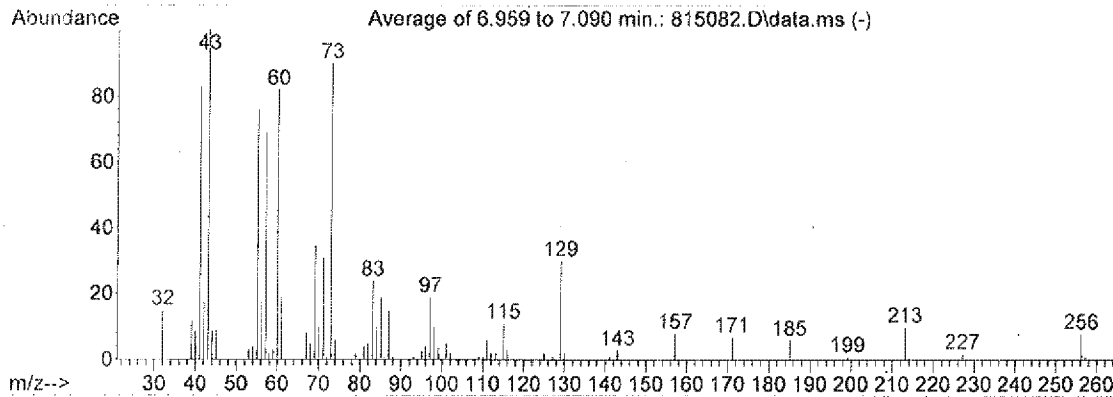

#54513: Cyclotetradecane

Information from Data File:
```
File Name       : C:\msdchem\1\System7\01_26_12\815082.D
Operator        : KAC
Date Acquired   : 27 Jan 2012  23:10
Sample Name     :  ███████████████
Submitted by    : DJR
Vial Number     :  82
AcquisitionMeth : SCREEN.M
Integrator      : RTE
```

Search Libraries: C:\Database\SLI.L   Minimum Quality: 85
                     C:\Database\NIST05a.L   Minimum Quality: 85
                     C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	6.99	C:\Database\NIST05a.L		
		n-Hexadecanoic acid	000057-10-3	96
		n-Hexadecanoic acid	000057-10-3	93
		Tetradecanoic acid	000544-63-8	90

Average of 6.959 to 7.090 min.: 815082.D\data.ms (-)
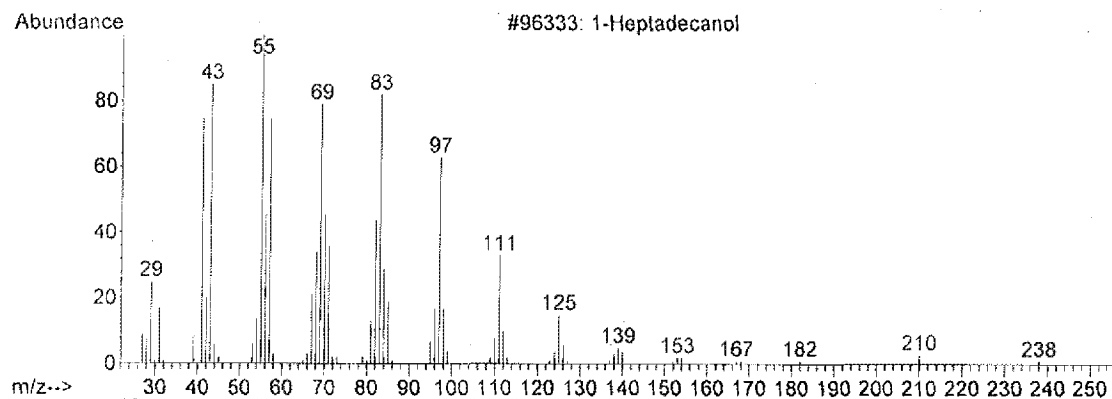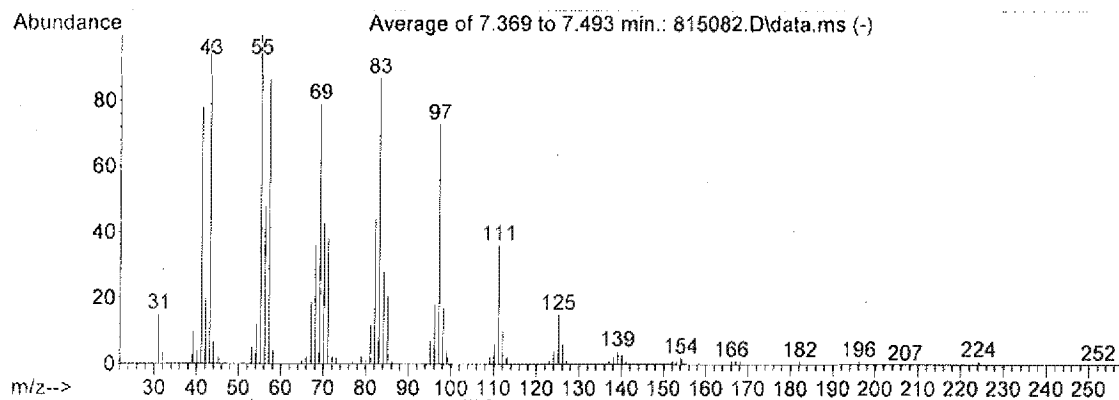

#96235: n-Hexadecanoic acid

Information from Data File:
File Name   : C:\msdchem\1\System7\01_26_12\815082.D
Operator   : KAC
Date Acquired   : 27 Jan 2012   23:10
Sample Name   :
Submitted by   : DJR
Vial Number   : 82
AcquisitionMeth: SCREEN.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 85
                    C:\Database\NIST05a.L   Minimum Quality: 85
                    C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	7.42	C:\Database\NIST05a.L		
		1-Heptadecanol	001454-85-9	95
		Bromoacetic acid, pentadecyl ester	131143-01-6	95
		1-Hexadecanol	036653-82-4	94

Average of 7.369 to 7.493 min.: 815082.D\data.ms (-)

#96333: 1-Heptadecanol

Folk_OIG_PRR_078850

Information from Data File:
File Name   : C:\msdchem\1\System7\01_26_12\815082.D
Operator   : KAC
Date Acquired   : 27 Jan 2012 23:10
Sample Name   : ██████████
Submitted by   : DJR
Vial Number   : 82
AcquisitionMeth : SCREEN.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 85
                   C:\Database\NIST05a.L   Minimum Quality: 85
                   C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
4	7.62	C:\Database\NIST05a.L		
		Octadecanoic acid	000057-11-4	99
		Octadecanoic acid	000057-11-4	98
		Octadecanoic acid	000057-11-4	94

Average of 7.606 to 7.653 min.: 815082.D\data.ms (-)

#114822: Octadecanoic acid

Folk_OIG_PRR_078851